

# Vhf-UhfDIGEST

The Official Publication of the Worldwide TV-FM DX Association

DECEMBER 1996



WORLDWIDE TV-FM DX ASSOCIATION  
P O BOX 17333 - ASHEVILLE, NC 28816 - U.S.A.



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11/97  
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35 NYE RD  
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## WORLDWIDE TV-FM DX ASSOCIATION

SERVING THE VHF-UHF DX ENTHUSIAST

THE VHF-UHF DIGEST IS THE OFFICIAL PUBLICATION OF THE WORLDWIDE TV-FM DX ASSOCIATION, DEDICATED TO THE OBSERVATION AND STUDY OF THE PROPAGATION OF LONG DISTANCE TELEVISION AND FM BROADCAST SIGNALS AT VHF AND UHF. W.T.F.D.A. IS GOVERNED BY A BOARD OF DIRECTORS: TOM BRYANT, GREG CONIGLIO, BRUCE HALL, DAVE JANOWIAK, AND BILL THOMPSON.

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MATT SITTEL, DOUG SMITH, STEVEN SPRACHMAN, THOMAS J. YINGLING, JR.

### FROM THE STAFF:

**Season's Greetings!** *No matter how you choose to celebrate the holiday season, we hope that your dreams are fulfilled and that happiness prevails. The WTFDA board of directors, column editors, and all others who contribute to the ongoing success of this organization join to thank you for your continued support; and extend our best wishes to DXers everywhere.*

**COMING SOON:** In the very near future, John Broomall, host for our 1997 convention to be held in Georgia, will be announcing details for the annual get-together. If you've attended previous conventions, you know how much fun they are. If not, it's almost time to start planning for a weekend you'll never forget!

**WHERE IS IT?** Several inquiries have been received pertaining to video coverage of the 1995 Lake Placid and 1996 Estes Park conventions. Tom Bryant, who has produced several tapes of convention highlights reports that he has plenty of good footage from both events (he shot some, and Ernie Wesolowski provided the rest)...but that none of it has been edited. Tom would like to offer a good excuse...but can't...so will be truthful in admitting that time normally spent on such efforts has been diverted to internet exploration. The tapes will eventually be produced, but no date has been set.

**THE BOTTOM LINE:** WTFDA comptroller Dave Janowiak is preparing the club's annual financial report. Procedural changes in business operations during the past year will enable him to provide more detailed information than has been available in the past. One troublesome area is a drop in total membership. If you know a former member who has dropped out, please ask him or her to consider re-joining. We're a small but dedicated group, and we really need to stick together.

## WTFDA Mailbox

Worldwide TV-FM DX Association  
PO Box 17333  
Asheville, NC 28816

December, 1996 Edited by: Matthew C. Sittel E-mail: 76255.2171@Compuserve.com

### December, 1996 Renewals Due:

Gordon L. Anderson, Todd Brandenburg, Tom Bryant, Tim Coucke, Jon W. Erdner, Steven A. French, Al Germond, Neil Griffin, Bill Hodges, Edward R. Houchins, Dave Janowiak, Lawrence R. Marecki, Dave Markson, Willis Monk, Ed Norris, Jerry L. Rankin, Shel Remington, Clayton Rhoades, George Rogers, James Roggentine, Jim Rollins, Roger Sabella, Edward Semrad, Joe Smulevitz, Bill Spann, Pierre Tremblay, Donald H. Voegele, Steve West, David M. Wurl, Thomas Yingling, Jr.

### New members! Welcome!

Richard W. Turner, North Dartmouth, MA

### E-mail address info:

Eric Bueneman, Hazelwood, MO  
John Zondlo, Bethany, OK

Change to: EricB631@Juno.com  
New: Jpzondlo@aol.com

\* Doug Smith, Pleasant View, TN

Regarding Eric Bueneman's comments on the metric controversy...

TV News is reported in metric for two reasons.

First, because the FCC has metricized. All Public Notices show antenna heights, distances from landmarks, etc. in meters. A very few (maybe one per month) applications or actions show feet, but in all such cases the metric number is the official figure. The time required to convert all this to feet would probably force me to ignore LPTV. (Incidentally, I believe FM News uses feet because the primary data source, M Street Journal, does the conversion. Bruce Elving's conversion to metric when he was editing it, and in the FM Atlas, seemed to coincide with the FCC switch.)

Second, because it's simply right. The rest of the world uses it, and our insistence on keeping the English system results in confusion and expense. I'm an engineer at a TV station. My work involves repair of both American and imported electronic equipment. And because of our insistence on English measurements, my employer must provide two sets of Allen wrenches, two sets of open-end wrenches, two stocks of spare hardware, etc., etc... Not to mention time lost by my need to search through the two sets of tools to find the right one for a particular device. Or, the time lost trying to figure out what's the next bigger size above 3/16". (quick, what is it?)

In terms of the measurements used in the VUD, metricization is really pretty easy to deal with. Simply multiplying meters by 3 is close enough to feet. Divide kilometers by 2 to get miles. (a bit less accurate, but close enough to tell whether that 800km tropo opening was worth getting excited about!)

73 Doug

**Other notes:** John Tudenham sent word of the 4th Annual Fall Midwest DXers get-together in Columbia, MO over the Veterans' Day weekend. Unfortunately I didn't get the announcement until after last month's column so I couldn't get it in print to announce it. These smaller 'mini-conventions'

are a great way to get to know other hobbyists in your area, so I encourage you to try and attend one if you can.

Alan Michalek has an unID FM catch he would like some help with: "heard on July 1 '329-1191 and enjoy' repeated over and over. A new station testing? Frequency was 99.9. Does anyone know what station was broadcasting this? Stations that date heard were: SC, NC, GA, FL, AL, MS. (Alan, perhaps it was Artesia, MS? The station serves the Columbus, MS market, and 329 is an exchange there. Plus, all but one of Columbus' radio stations in the M Street Journal have phone numbers following the 32#-1### pattern. It might be worth a call! - mcs)

Larry Fussell has this note about the new APS 14 antenna for FM: "I did direct comparison with my Probe 9. The results are highly in favor of the APS 14. The gain is a lot better, 2 to 4 dB. The directivity is greatly better. I can hear stations that I cannot find with my Probe 9. I would highly recommend use of the APS 14."

Speaking of antennas, Rich Wertman sends along the following item: "Antennacraft has discontinued production of all P-5 and P-7 antennas. (The parabolics just aren't moving) I can still get some P-5's and P-7's for a limited time. New prices are as follows due to 1 only dist's supply - P-5's \$140 and P-7's \$165, including UPS shipping in the continental US. After these are gone I'll only be able to order either specially in lots of 50 but at a better price. Those of you interested please call me or drop a line. If I can get 50 people interested in one model I'll place the order. This is a very sad day in DX country! Antennacraft sells direct to me but not unless we do 50 so they can start up the line for them!" If you are interested, please contact Rich Wertman, 6150 Crosby Rd., Lockport, NY 14094.

And while you're thinking about gift-giving this holiday season:

Don Meno has a couple of items for sale. "One is a Pioneer TX9100 tuner IF modified by Doug Allen with three 150 filters. I also have a Blonder-Tongue MWT-2B Trap for FM. I will sell both together for \$200 or will sell separately. Both are in good condition with no problems. I use a Citation 23 as my main unit which is doing the job here." If you're interested, contact Don Meno, 9 Oxford Trail, Wallingford, CT 06492-2625, or call him at 1-800-365-9888, extension 262, between 7AM and 4:30PM Eastern time Monday-Friday.

Dr. Bruce Elving sent me a copy of his most recent "FM Atlas Products and Publications" catalog. There are plenty of items to choose from, including radios modified to receive 67kHz and 92kHz SCS broadcasts. If you'd like a copy of his latest catalog, write him at FM Atlas, PO Box 336, Esko, MN 55733-0336.

An announcement from our mediumwave friends at the National Radio Club: The NRC AM Radio Log for the 1996-1997 DX season, the 17th edition which is updated through September, 1996, is now available. "This annual edition contains 312 pages, 8 1/2" x 11" size, 3-hole punched, loose leaf format with over 5,500 AM radio station listings from the United States and Canada. Each station listing consists of its location, frequency, call, format, network affiliation, station address, station slogan, day and night transmitter powers. There are cross references by city and call letter." For non-NRC members, the cost is \$22.95 US in the United States and Canada, \$23.50 US to Latin America, \$24.00 US to Europe, and to all other locations \$28.00 US. You may order this from National Radio Club, Publications Center, PO Box 164, Mannsville, NY 13661-0164. I recently received my copy and I am pleased. Yes, I admit it... I do DX AM sometimes, especially in winter!

Happy holidays to all WTFDA members! Till next time.....73s Matt.

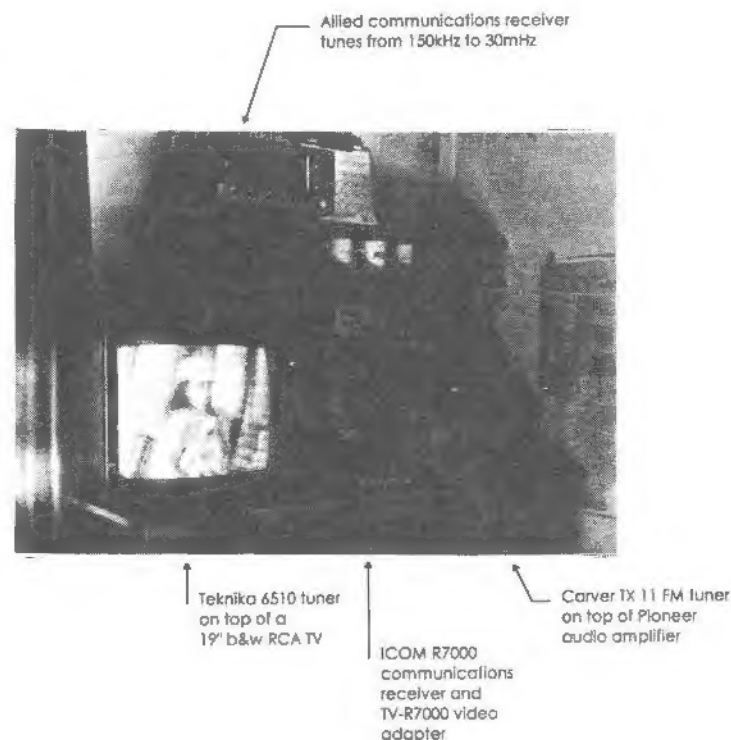
# PHOTO-NEWS

Jeff Kruszka, Editor  
5024 S. Braxton Ave.  
Baton Rouge, LA 70817

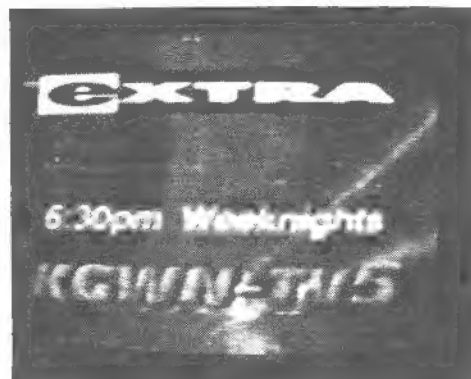
December 1996

Thanks to those DXers who have sent in photos recently. But I know there are more of you out there! So finish off those rolls of film and get your best shots into me.

This month's contributor is Dave Nieman, Rock City, NY. Here's a look at his DX shack there:



Antennas are a Channel Master 3617B VHF @ 15 ft. AGL w/ a Winegard FT-7600 FM trap, DA-205 amp, and RG-6; UHF is an Antennacraft P7 @ 65 ft. AGL w/ a Winegard PA-4975 preamp and RG-11.

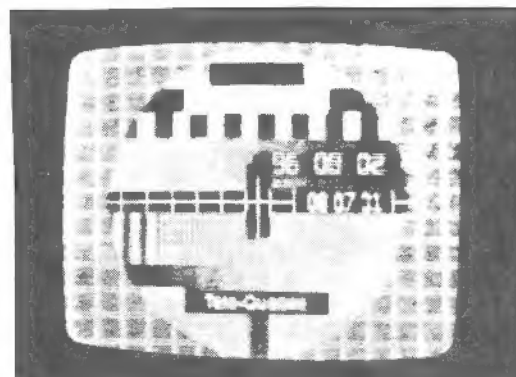


KGWN-5 Cheyenne, WY  
1367 mi Es seen 5/22/96  
@1848 EST

WTWB-19 Johnstown, PA  
119 mi Tr seen testing 6/26/96  
@0805 EDT

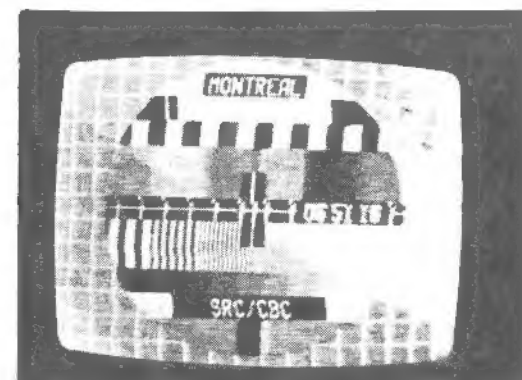


KQTV-2 St. Joseph, MO  
864 mi Es seen 7/11/96  
@1908 EST  
"over local WGRZ Buffalo"



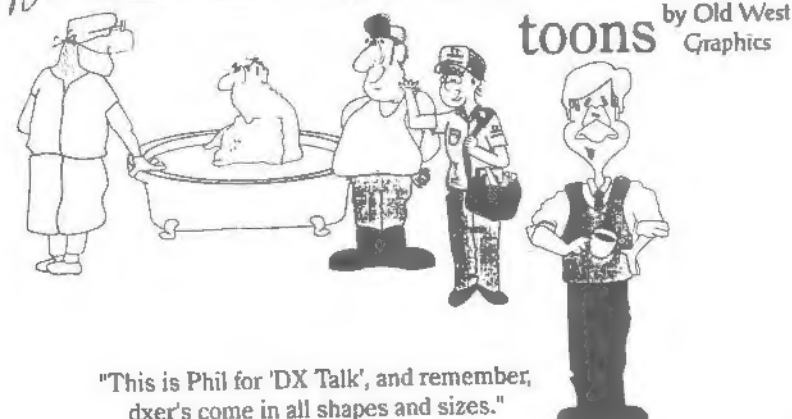
CIVP-23 Chapeau, PQ  
278 mi Tr seen 9/2/96  
@0607 EST

CBVU-15 Maniwaki, PQ  
327 mi Tr seen 9/2/96  
@0651 EST



73's,

*Jeff*



"This is Phil for 'DX Talk', and remember,  
dxer's come in all shapes and sizes."

# TV NEWS

December 1996

Douglas E. Smith W9WI  
1385 Old Clarksville Pike  
Pleasant View, TN 37146-8098  
72777.3143@compuserve.com

\*: Non-commercial station  
nc: No Change  
+/-: Channel offsets (plus,  
z/n: minus, zero, and none

## APPLICATIONS FOR NEW STATIONS

St	Ch	ERP	HAAT	City; applicant
AK	* 9z	316	212	Anchorage; AK BC TV Inc.
AL	55z	5000	121	Gulf Shores; KB Comms.
AL	61z	5000	298	Mobile; TV Cap. Corp.
AL	50z	5000	195	Opelika; United TV
AL	29-	1510	96	Selma; Marri
AL	52+	1510	126	Tusculum; Marri
AZ	*16+	240	58	Nogales; F.P.G. Church
CA	20+	2450	925	Bishop; Media Prop. L.P.
CA	20+	324	-273	Bishop; Marri
CA	20+	195	928	Bishop; KGMC-43
CA	*16z	708	867	Redding; KIXE-9
CO	26+	5000	388	Pueblo; Zavaletta Bcastg.
DE	38z	5000	162	Seaford; United TV
FL	*39-	724	151	Crystal River; WUFT-5
FL	61+	5000	609	Gainesville; KB Comms.
FL	61+	5000	288	Gainesville; TV Cap. Corp.
FL	31z	5000	254	Kennansville; Marri
FL	*42z	5000	123	Palatka; Comp. Friend Ed.
FL	63+	1510	88	Palatka; Marri
FL	63+	20.4	101	Palatka; Pentecostal Rev.
FL	60z	1510	67	Sebring; Marri
FL	59+	1510	22	Stuart; Marri
FL	59+	5000	469	Stuart; Sonoma Media
FL	59z	5000	307	Stuart; G. Marksteiner
GA	35-	1510	155	Warner Robins; Marri
HI	56z	15.8	316	Waimanalo; HTV/HTN
HI	56z	3630	739	Waimanalo; W. 56 L.L.C.
HI	56z	69.2	661	Waimanalo; K'o'olau Bcastg.
IA	*18-	40.7	84	Carroll; Fam. Educ. BC
IA	*29-	107	109	Dubuque; Fam. Educ. BC
KS	14+	151	160	Holingsworth; KSAS-24
KS	14z	2950	301	Pittsburg; Davis TV
KS	14z	5000	245	Pittsburg; A.J. Fant
KS	43z	2750	417	Topeka; Davis TV
KY	51z	1510	124	Hopkinsville; Marri
KY	62z	5000	71	Lexington; Marri
KY	62z	5000	138	Lexington; TV Cap. Corp.
KY	48z	5000	279	Owensboro; S. Cent. Comms.
KY	69+	1510	152	Paintsville; Marri
LA	41+	5000	164	Alexandria; KB Comms.
LA	62+	5000	609	Hammond; KB Comms.
LA	36-	5000	299	New Iberia; N.I. 36 L.L.C.
MD	*58+	2570	217	Waldorf; Open21
MI	*58+	2880	88	Ann Arbor; Open21
MN	27-	1510	263	Duluth; Davis TV
MS	51z	1510	293	Jackson; Marri
MS	34+	1510	98	Mayes; Marri
MS	28-	1510	137	McComb; Marri
MS	*42+	603	319	Natchez; MS ETV
MS	35+	5000	219	Tupelo; KB Comms.
MS	35+	5000	257	Tupelo; United TV
MS	56+	5000	609	Wiggins; KB Comms.
NC	*59z	15.5	621	Andrews; WUNC-4
NC	*27z	5000	-31	Canton; Achievement School
NC	*27z	10.7	474	Canton; WUNC-4
NC	61-04-02N/149-44-36W			
NC	30-30-41N/ 87-47-38W			
NC	30-40-55N/ 87-49-41N			
NC	32-38-33N/ 85-14-13W			
NC	32-26-02N/ 87-00-40W			
NC	34-40-46N/ 87-54-35W			
NC	31-20-30N/110-57-41W			
NC	36-58-38N/118-07-13W			
NC	37-21-41N/118-22-49W			
NC	37-24-43N/118-11-06W			
NC	41-04-48N/122-37-23W			
NC	38-21-30N/104-33-24W			
NC	38-39-15N/ 75-36-42W			
NC	28-40-53N/ 82-23-12W			
NC	29-57-49N/ 82-55-07W			
NC	29-37-47N/ 82-34-24W			
NC	27-27-30N/ 80-56-00W			
NC	29-51-15N/ 81-20-56W			
NC	29-39-07N/ 81-35-32W			
NC	29-34-48N/ 81-41-59W			
NC	27-30-29N/ 81-25-18W			
NC	27-11-29N/ 80-15-10W			
NC	27-07-15N/ 80-23-58W			
NC	27-01-31N/ 80-10-44W			
NC	32-34-03N/ 83-36-08W			
NC	21-19-25N/157-40-55W			
NC	21-20-06N/157-45-44W			
NC	21-19-49N/157-45-24W			
NC	42-02-54N/ 94-51-19W			
NC	42-30-14N/ 90-44-55W			
NC	38-37-54N/ 98-50-52W			
NC	37-22-05N/ 94-27-59W			
NC	37-18-44N/ 94-48-58W			
NC	39-01-29N/ 95-55-19W			
NC	36-55-36N/ 87-28-35W			
NC	38-01-49N/ 84-45-17W			
NC	39-02-07N/ 84-27-04W			
NC	38-01-27N/ 87-21-43W			
NC	37-52-16N/ 82-32-12W			
NC	31-14-11N/ 92-27-34W			
NC	30-25-56N/ 91-11-06W			
NC	30-12-04N/ 91-45-33W			
NC	38-37-07N/ 76-50-42W			
NC	42-15-48N/ 83-37-34W			
NC	46-47-39N/ 92-07-29W			
NC	32-16-53N/ 90-17-41W			
NC	31-49-30N/ 89-51-35W			
NC	31-16-50N/ 90-27-05W			
NC	31-30-33N/ 91-24-19W			
NC	33-55-37N/ 88-33-36W			
NC	34-23-52N/ 88-53-03W			
NC	31-07-09N/ 89-38-49W			
NC	35-15-26N/ 83-47-43W			
NC	35-31-58N/ 82-51-58W			
NC	35-34-06N/ 82-54-25W			

TV News

Applications for new stations, contd.

St	Ch	ERP	HAAT	City; applicant
NC	*56+	12.3	718	Franklin; WUNC-4
NC	*32+	5000	173	High Point; Achievement S.
NC	67+	1510	125	High Point; Marri
NC	59+	1510	155	Laurel Hill; Marri
NC	*34-	5000	475	Raleigh; Achievement Sch.
NJ	59-	1510	58	Vineland; Marri
NJ	59-	174	231	Vineland; Imagine TV
NV	*25z	501	965	Fallon; NV Public TV
NV	*16+	10	193	Yerington; NV Public TV
NY	*34+	617	-64	Lake Placid; NE Gospel N.
OH	*56+	2510	199	Columbus; Open21
OH	*58z	5000	452	Youngstown; WVIK-25
OK	9+	316	326	Guymon; KVIL-7
OR	40-	5000	332	Portland; TV Cap. Corp.
PA	29+	2000	454	St. College; PA Telecast.
PA	29+	5000	336	St. College; R. Bain
SC	32z	4570	241	Borry; WIS-10
SC	32z	5000	93	Myrtle Beach; Marri
TN	26-	5000	367	Knoxville; S.C. Comms.
TN	*42z	2000	374	Nashville; Open21
TX	*14z	2140	108	Big Spring; F.P.G. Church
TX	38+	5000	176	Corpus Christi; Prime BC
TX	38+	1510	107	Corpus Christi; Marri
TX	38+	214	89	Corpus Christi; H. Lopez
TX	38+	1510	265	Corpus Christi; Sunbelt
TX	38+	5000	276	Corpus Christi; Paloma BC
TX	40z	4900	179	Crockett; Warwick Comms.
TX	*24+	316	108	Dal Rio; F.P.G. Church
TX	*39z	2950	212	Laredo; F.P.G. Church
TX	*39z	219	220	Laredo; L. Coma. Coll.
TX	54+	5000	321	Longview; L. TV Bcastg.
TX	54+	5000	382	Longview; Estes Bcastg.
TX	*21+	631	215	San Angelo; F.P.G. Church
TX	20-	5000	543	Sherman; Zavaletta
TX	14z	5000	450	Tyler; United TV
TX	31z	214	148	Victoria; H. Lopez
UT	*18-	3390	215	Ogden; F.P.G. Church
UT	*18-	141	239	Ogden; Global Ed. Dev.
VA	69+	1510	109	Fredericksburg; Marri
VA	63z	5000	377	Richmond; TV Cap. Corp.
VA	63z	5000	311	Richmond; United TV
VI	43z	151	464	Charlotte Amalie; Marri
VI	15z	100	347	Christiansted; Winstar
VI	27z	18.2	121	St. Croix; Virgin Blue
WA	67z	5000	610	Olympia; Sonoma Media
WA	*14z	2190	378	Vancouver; Open21
WI	44+	5000	339	Green Bay; G.B. 44 L.L.C.
WI	22+	5000	587	Oshkosh; Osh. 22 L.L.C.
WI	33-	1620	263	Wausau; Davis TV
WV	66-	1510	263	Fairmont; Davis TV
WV	39+	1910	185	Parkersburg; Riverbank
WV	35-19-40N/ 83-20-11W			
WV	36-08-58N/ 80-03-21W			
WV	35-55-36N/ 79-56-04W			
WV	34-55-30N/ 79-43-57W			
WV	35-40-35N/ 78-32-09W			
WV	39-25-19N/ 75-01-14W			
WV	39-43-41N/ 74-50-39W			
WV	39-13-32N/118-09-07W			
WV	38-59-44N/119-01-01W			
WV	44-15-36N/ 74-01-22W			
WV	39-58-16N/ 83-01-40W			
WV	41-16-04N/ 80-04-23W			
WV	36-41-56N/101-19-44W			
WV	45-27-13N/122-32-45W			
WV	40-50-29N/ 78-08-09W			
WV	40-53-51N/ 77-59-23W			
WV	33-28-45N/ 79-11-39W			
WV	33-32-07N/ 79-03-50W			
WV	36-00-36N/ 83-55-57W			
WV	36-02-49N/ 86-49-49W			
WV	32-05-52N/101-45-27W			
WV	27-31-41N/ 97-34-58W			
WV	27-47-51N/ 97-23-45W			
WV	27-45-09N/ 97-27-18W			
WV	27-39-12N/ 97-33-55W			
WV	27-39-12N/ 97-33-55W			
WV	31-15-58N/ 95-32-04W			
WV	29-20-54N/100-52-19W			
WV	27-31-13N/ 99-31-20W			
WV	27-31-14N/ 99-31-19W			
WV	32-36-04N/ 94-52-15W			
WV	32-15-35N/ 94-57-02W			
WV	31-35-22N/100-31-01W			
WV	33-33-36N/ 96-57-35W			
WV	32-03-40N/ 95-18-50W			
WV	28-46-39N/ 96-57-43W			
WV	41-15-17N/112-14-13W			
WV	41-15-17N/112-14-14W			
WV	38-17-04N/ 77-35-41W			
WV	37-30-14N/ 77-41-53W			
WV	37-30-22N/ 77-42-03W			
WV	18-21-26N/ 64-56-50W			
WV	17-45-20N/ 64-47-55W			
WV	17-44-53N/ 64-43-40W			
WV	47-02-42N/122-53-24W			
WV	45-31-22N/122-45-07W			
WV	44-30-48N/ 88-00-24W			
WV	44-23-43N/ 88-35-29W			
WV	44-53-12N/ 89-39-02W			
WV	39-24-51N/ 80-20-45W			
WV	39-22-51N/ 81-33-37W			

## CONSTRUCTION PERMITS GRANTED FOR NEW STATIONS

St	Ch	ERP	HAAT	City; applicant
CA	10z	162W	K100G	Lompoc; M. Harnett
NY	60z	404	W60CG	Wilson; WKBW-7
NY	68+	406	W68CT	Wilson; WKBW-7
CA	34-44-30N/120-26-45W			
CA	43-15-54N/ 78-52-02W			
CA	43-15-54N/ 78-52-02W			

See Dave Nieman's comments for more info on the Wilson translators.



## APPLICATIONS TO CHANGE EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City	
MA	25+	5000	262	WFXR	Boston	42-20-55N/ 71-04-35W
PA	20-	421w		W20AN	Washington	

## APPLICATIONS TO CHANGE CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	
FL	57-		135	WFXU	Live Oak	30-33-00N/ 83-00-46W
HI	*38+	44	661	KAIE	Honolulu	21-19-49N/157-45-24W
HI	44z	46.6	661	KWEN	Honolulu	21-19-49N/157-45-24W
KY	44-	2510	475	WAGV	Harlan	36-47-16N/ 83-17-28W
NC	28z	54.8		W28AC	Charlotte	35-15-26N/ 80-51-40W
NE	65-	41.4		KOHA-LP	Omaha	

## CHANGES GRANTED TO EXISTING STATIONS

St	Ch	ERP	HAAT	Call	City	
AK	29n	103.9		K29DS	Anchorage (x-K18CS)	62-38-05N/150-44-16W
AK	7n	52.4w		K07TM	Cold Bay	55-12-25N/162-42-20W
AK	57n	813w		K57DE	Craig	55-28-35N/133-08-30W
AK	7n	58.8w		K07TJ	McGrath	62-57-02N/155-35-10W
AK	10n	59w		K1DKH	Shageluk	62-39-20N/159-31-48W
AK	7n	57w		K07SX	Sleetmute	61-41-45N/157-10-10W
AK	4z	53.5w		K04NA	Stevens Village	66-00-26N/149-05-38W
AK	9n	57.4w		K09QU	Togiak	59-03-42N/160-22-31W
AK	2n	44.9w		K02LT	Wales	65-36-48N/168-05-22W
AK	4n	53.4w		K04MN	Wales	65-36-48N/168-05-22W
AL	17	5000	610	WDBB	Bessemer	33-28-48N/ 87-25-47W
(note new city of license, ex-Tuscaloosa)						
AL	39n	104.8		WETU-LP	Montgomery	32-32-12N/ 86-11-31W
AR	18+	10.9		K18EG	Eureka Springs	
CA	43z	4265		KGMC	Clovis	
CO	14+	801w		K14JS	Cortez	37-21-58N/108-08-42W
(from K08MI McElmo Canyon)						
FL	54+	10.1		W54CL	Sebring (ex-W27AE)	
IA	65z	8.7		K65BY	Waterloo	
IL	*24-	1200	276	WQPT	Moline	41-19-17N/ 90-22-47W
KY	*68+	1585	249	WTKJ	Louisville	
MS	40+	1659	479	WDBD	Jackson	32-14-26N/ 90-24-15W
NC	54n	8.6		W54BR	Greenville	
NV	10n	9w		K10EX	Goldfield	37-43-37N/117-13-28W
NV	42n	281w		K42EK	Round Mtn. (x-K09WK)	38-39-23N/116-59-55W
PA	43z	5010	417	WPMT	York	
(but immediately rescinded)						
TN	10-	121.2w		W10BI	Nashville	36-15-56N/ 86-48-22W
TN	52z	9.9		W52CT	Nashville (ex-W59AW)	
TX	57z	47.2		K57FC	Corpus Christi	
TX	43n	918w		K43FD	Houston	29-48-22N/ 95-14-28W
(was K04NW)						
TX	33-	49		K33CK	San Antonio	
VA	66+	4330		WVVI	Manassas	
WV	34n	15.14		W34BX	Princeton	
WA	21n	2.434		K21AJ	Quincy	

## CHANGES GRANTED TO CONSTRUCTION PERMITS

St	Ch	ERP	HAAT	Call	City	
AZ	46z	1843	1095	KXGR	Green Valley	32-24-54N/110-42-56W
CA	47+	14.6		K47EH	Eureka	
CA	26+	0.5w		K26FA	Vista	33-06-39N/117-09-10W
(was K60EL. ERP is a typo but I can't figure out correct number)						
FL	10-	48.6w		W10CM	Hilliard	

## Changes granted to construction permits, contd.

St	Ch	ERP	HAAT	Call	City	
FL	62-	7.15		W62CE	Orlando	28-21-31N/ 81-30-45W
(city changes from Kissimmee)						
FL	21-	29.5		W21BK	Tallahassee	30-29-35N/ 84-17-01W
GA	52+	13.3		W52CL	Macon	32-45-09N/ 83-33-35W
ME	35-	5000	278	WVLA	Lewiston (1500kW vertical)	
NE	65-	41.4		KOHA-LP	Omaha	
OK	44-	5000	277	KGLB-TV	Oklmulgee	35-50-02N/ 96-07-28W
OR	8+	.002		K08ME	John Day	44-26-02N/118-57-27W
PA	35-	2.7		W35AW	Uniontown	39-48-41N/ 79-41-30W
SC	40+	17.1		W40AW	Beaufort	32-24-05N/ 80-44-21W
SC	60z	3.1		W60BP	Charleston	32-49-14N/ 79-57-25W
WI	34-	63.9		W34BV	Oshkosh	

## Applications denied:

St	Ch	ERP	HAAT	Call	City	
NY	22	27.6		W59CH	Syracuse	42-56-45N/ 76-06-16W
OR	8+	.002		K08ME	John Day	44-26-02N/118-57-27W

## TECHNICAL CHANGES ON THE AIR

AL	42+	WBMG	Birmingham; double power (2140->5000kW) and go to elliptical polarization.
AL	33z	WCFT-TV	Tuscaloosa; major power and tower height increases; move closer to Birmingham.
IA	28+	KFXA	Cedar Rapids; major power and tower height increases; move about 35km WNW.
NY	43+	WNYX-TV	Syracuse; major power and tower height increases.
OH	67z	WOAC	Canton; major power and tower height increases (but still a low tower at only 149m); move about 20km northeast.
TN	61-	WDSI-TV	Chattanooga; unspecified.
VA	66+	WVVI	Manassas; minor power decrease and switch to directional antenna.

## NEW STATIONS ON THE AIR

W49BO	49+	Tuscaloosa, AL	18.9kW	33-17-42N/ 87-40-06W
(The Box)				
K46EJ	46z	Little Rock, AR	220 watts	34-47-56N/ 92-29-44W
K27EX	27z	Modesto, CA	4kW	37-28-48N/121-21-02W
K38EE	38-	29 Palms, CA	1.2kW	34-04-32N/115-57-18W
(TBN)				
K07JB	7n	Nawona, CA	7 watts	37-31-08N/119-35-59W
K09LM	9n	Nawona, CA	7 watts	37-31-08N/119-35-59W
K67GZ	67n	Rainbow Valley, CA	130 watts	33-27-00N/117-04-43W
K27EW	27+	Iowa Falls, IA	1.24kW	42-27-47N/ 93-30-12W
K52FN	52-	Muscataine, IA	19.3kW	41-26-34N/ 91-04-33W
(TBN)				
W50BY	50+	Galesburg, IL	8.9kW	40-56-36N/ 90-20-39W
(WWTO-35, TEN)				
W67DF	67+	Springfield, MA	1.6kW	42-14-28N/ 72-38-56W
(TBN)				
WJUE	43-	Battle Creek, MI	5000kW/323m	42-40-45N/ 85-03-57W
K32EB	32z	Alexandria, MN	1.63kW	45-55-59N/ 95-26-50W
KWYB	18z	Butte, MT	2690kW/585m	46-00-24N/112-26-30W
W28AC	28z	Charlotte, NC	56.6kW	35-16-26N/ 80-51-40W
WNYB	26+	Jamestown, NY	5000kW/463m	42-23-36N/ 79-13-44W
(actually, this is the former WTJA-26 back on the air)				
K07WD	7z	La Grande, OR	25 watts	45-18-01N/118-04-01W
K05KI	5-	Lakeview, OR	17 watts	42-11-17N/120-21-01W
K47EV	47-	Walla Walla, WA	15.2kW	45-47-52N/118-22-07W

New wireless cable system on the air:

Lebanon, MO (37-48-10N/92-44-51W; all 500 watts):  
K18EK-18z K29DA-29z K31EC-31z K55HD-55z K59FD-59z

Poplar Bluff, MO (36-48-04N/90-27-06W; 738 watts):  
K56FP-56z K59FB-59z K61FY-61z

## CALL CHANGES

K51CE Colo. Springs, CO: KWHS-LP  
WSFP-30 Fort Myers, FL: WGSU  
W41BM Jacksonville, FL: WDWL-LP  
W14AC Lakeland, FL: WLWA-LP  
KOBH-26 Honolulu, HI: KAAH  
W61AZ New Orleans, LA: WLPN-LP  
WNYB-49 Buffalo, NY: WNYO-49  
WTJA-26 Jamestown, NY: WNYB-26  
WGSE-43 Myrtle Beach, SC: WFXB

## PROGRAMMING CHANGES

W28BR Birmingham, AL: to Kaleidoscope.  
KFWO-8 Ft. Bragg, CA: sold to Pappas - to be KPWB-31 satellite?  
W30BF Bangor, ME: sold by Maine Public TV.  
W44AZ Ann Arbor, MI: to relay WDWL-LP-44 Detroit (religious).  
WJUE-43 Battle Creek, MI: new, Worship.  
WBKP-5 Calumet, MI: new, ABC.  
WLUC-6 Marquette, MI: drops ABC, now NBC only.  
KCTZ-7 Bozeman, MT: to Fox.  
K26DE Bozeman, MT: to relay KXLF-4 Butte (CBS).  
K25FI Mora, NM: to relay KOB-4 Albuquerque (NBC).  
K15EP Las Vegas, NV: to 3ABN.  
WNYO-49 Buffalo, NY: to WB.  
WNYB-26 Jamestown, NY: to TBN.  
W59BV Rochester, NY: temporarily dark; to relay WNYB-26.  
WAKC-23 Akron, OH: to CNI/IN on Jan. 1, 1997 (drops ABC).  
K19EA Okla. City, OK: to Kaleidoscope.  
K25FF Tulsa, OK: to Kaleidoscope.  
WFXB-43 Myrtle Bch., SC: to Fox in early 1997.  
K00G-30 Ogden, UT: to Paxson - CNI/IN?

## STATIONS DELETED

127 LPTV CPs have been canceled - unfortunately, too many to list here. Also canceled was K18AN's (Grants Pass, OR) CP to move to plus offset, and K20CN's (Fortuna, CA) to change power to 9.11kW and move their tower.

## OTHER STUFF

New WBKP-5 Calumet, MI did, in fact, make their scheduled air date in late October. Messages left on WLUC-6's Internet bulletin board complain of adjacent-channel interference from the new station in the Keewenaw Peninsula area. (the northern tip of Upper Michigan) This should be a popular skip target for New England and Southern/Texas DXers. Again, WBKP is an ABC affiliate.

We should expect the numerous new-station applications to begin drying up pretty soon. The FCC has enacted a freeze on additional TV stations, both full and low power, pending action on digital TV.

## FORUM

### Dave Nieman, Akron NY:

The programming changes in western New York are finally on the air. Hold on to your hat, this one is a bit complicated...

Grant Broadcasting purchased dark WTJA-26 Jamestown, rebuilt it, and gave it and several million dollars to Tri-State Christian Television, owners of WNYB-49 Buffalo. In return, Tri-State Christian gave Grant WNYB. Tri-State kept the WNYB calls, transferring them to channel 26; Grant obtained the new calls WNYO for channel 49. On October 23, channel 49 switched to the new calls and a WB affiliation. According to Dave, the swap happened only because of channel 49's established position on cable systems in the area - otherwise, Grant would have kept channel 26 and operated it as the WB affiliate. (I personally have to wonder if adjacent-channel interference from CBLFT-25 was also an issue?)

Dave brought my attention to W60CG and W68CT Wilson; these stations hold (to my knowledge) the record for the highest ERPs for LPTVs! Both stations use directional antennas, and I would assume very tight directional patterns are used to achieve these high ERPs. These stations may be very strong if you're in their beams, but they're probably non-existent only a mile or two away on the wrong side of the pattern. This is probably also why two different channels are used from the same site. Dave says these translators exist because of interference from CIII-TV-7 Midland, Ontario in the northern parts of the WKBW-7 coverage area. These CPs are actually a few years old.

WNYS-43's new facilities are now on the air. This station started its life as WSNR-TV, maybe the only The Box station with a regular license - but with no more power than the LPTVs that make up the rest of the Jukebox Network. The power increase brings their signal at Dave's location to a level a bit better than WSYT-68's. (ironic... as WNYS is now on the WSYT tower, at essentially the same height, and with a power about 20% less than WSYT's...)

### Fernando Garcia, Monterey NL Mexico:

Fernando has information on some changes -- and some mysteries -- in his area. First, there's a new station on channel 44 in Saltillo, Coahuila. XHLLLO is an affiliate of TV Azteca's Canal 7 network. Fernando has also seen the new calls on channel 30 in Fort Myers, now WGSU. ("Gulf Coast University") indeed, he must have seen them within a few days of the FCC grant, as they didn't appear in the database until a week after I received his email!

There are also some mysteries. First, he's seeing three new translators; channel 43 with KMOL-4, channel 45 with KENS-5, and channel 47 with KSAT-12. They peak with KVAW-16 Eagle Pass. My educated guess is that these are K77CN, K79CD, and K81BN Camp Wood, Texas, moving to new channels, but nothing appears in the FCC Notices about this. Then again, translators and LPTVs are often granted special temporary authority to change channels without notice.

Another mystery is a channel 47 from the direction of central Texas carrying PSN home shopping. He speculates (and I suspect he's right) it's KTAQ Greenville. Can any Texas/Oklahoma members confirm this one? Other mysteries include a home-shopping station on 20 (W20BS Meridian, MS? - but I think it's part of a wireless-cable system), Spanish from the NNW on channel 15, not part of any Mexican network; and TBN on 14 from the direction of Midland.

### David Austin, Myrtle Beach SC:

Our Webmaster noticed the call change on his local WGSE-43. The same newspaper article that brought it to his attention says the station will (as you might guess from the calls!) become a Fox affiliate in early 1997.

DECEMBER 1996

Many of the items listed in this column are taken from the publication:  
M Street Journal - P.O. Box 1479 - Madison, TN 37116-1479  
PHONE (615) 865-1525 FAX (615) 865-2598

## KEY:

8: satellite programming  
AF: new freq. allocation accepted for filing for a new FM license  
CC: call change/new calls assigned  
CL: city of license change granted  
CO: new xmr co-ordinates  
CX: a CP has expired, and is cancelled  
C1, C2, etc: change in class status  
DA: directional antenna  
DE: calls deleted, license returned to FCC  
FC: station format change

GA: granted amendment to table of FM allocations  
GE: station was granted extension of a CP  
GX: granted replacement of expired CP  
LC: filed for license to cover (for new stn.)  
MC: multiple-city legal ID  
NC: no change yet, on a reported pending grant/change.  
ND: non-directional  
NO: station is not on the air  
NS: a new station granted a license  
OSA: one-step application  
NW: new station signs on the air  
PA: proposed amendment to change table of allocations  
PG: a power change (increase)

PG: a power change (decrease)  
PG+: power change granted (increase)  
PG-: power change granted (decrease)  
QC: frequency change for this station  
QG: frequency change granted  
RA: station returns to the air  
RE: station requests extension of a CP  
RX: station requests re-instatement of an expired CP  
SG: slogan change or update  
SI: station is silent  
XA: dislissed amendment to the table of FM allocations  
XC: station changes xmr site  
XG: station granted a transmitter (xmr) site change



## UNITED STATES

### ALABAMA:

Addison: WYAM105.7 CC (NS)  
Anniston: WGRW90.7 CC (NS)  
Gadsden: \*NS 89.9 AF  
Greenville: WKXN 95.9 PG< 2.1 kW, 564 ft  
DA, XG: 31-56-52 / 86-42-09  
Muscle Shoals: WLAY 105.5 PG> 1050w, 741 ft  
Oxford: WTBj 91.3 granted change to circular polarization  
Pine Hill: \*NS 96.7 PG> 9 kW, 544 ft, class C3  
Selma: \*NS 91.1 250w, 46 ft (AFA)  
Tol: KUDU 91.9 CC (NS)

### ALASKA:

Anchorage: KNBA 90.3 NW, adult alt. & Alaskan native  
Anchorage: KKRO 102.1 PG< 23 kW, 82 ft.  
XC: 61-07-12 / 149-53-43  
Anchorage: KWQJ 92.9 N O G X  
Seldovia: K220FW91.9 NS-25w(v): KAWZ 89.9 ID

### ARIZONA:

Bagdad: KAKP 103.9 NO-GE  
Buckeye: KMJK 106.9 adds Tom Joyner (Phoenix) also adds Doug Banks  
Globe: \*NS 88.5 AF  
Kingman: KGMN 99.9 FC to CD Country (&)  
Oro Valley: KTSS 97.5 CC (ex KCDI), FC to bilingual dance-CHR (Tucson) (may change to KSJM)  
Page: \*NS 91.7 500w, 1509' (N Ariz. Univ.)  
Parker: KVEZ 99.3 NC to 10 kW, 941 ft, C2, GE  
Red Mesa: \*NS 89.7 AF  
Tucson: \*NS 88.3 AF  
Tucson: \*NS 88.5 AF (?)  
Williams: KVTF 96.7 NO-GX

### ARKANSAS:

Batesville: \*\*\* 99.5 GA for class A  
DeQueen: KDQN 93.1 QC from 92.7, now C2, 50 kW  
492 ft, XC: 34-14-35 / 94-17-35  
Des Arc: \*NS 91.7 AF (A.F.A.)  
El Dorado: \*\*\* 101.5 GA for class A  
Mtn Home: KKTZ 107.5 CX CP for 600w  
Ola: \*NS 101.3 850w, 855 ft, KERM Inc.  
Prescott: K205CO89.9 NS-250w: WAFR 88.3 MS  
White Hall: KTRN 104.5 CC (ex KWDA)  
Wynne: KWYN 92.5 PG> 35 kW, 335 ft.

### CALIFORNIA:

Avenal: KAAK 105.7 NO-GE  
Cartago: KWY102.9 FC to WW1 Adult Rock (&)  
// KSSI 102.7 China Lake  
Chester: \*NS 99.7 AF  
El Rio: KMLA 103.7 NW, Spanish AC (Oxnard)  
Greenfield: KSEA 107.9 XA for class A, CL to  
Del Rey Oaks, CA  
Gridley: KMJE 101.5 NW, adult contemp. (&)  
Hanford: KGEN 94.5 PG> 3.3 kW, 443 ft,  
XG: 36-12-16 / 119-33-52  
Lompoc: KBOX 104.1 FC to WW1 ad/con (&)  
McCloud: \*NS 91.9 AF  
McCloud: \*NS 95.5 AF  
Mendocino: KAKX 89.3 NO-GE  
Morro Bay: KWWV 99.7 adds Jones jazz (&) (S.L.O.)  
Morro Bay: KAGR 94.1 PG< 630w, 1004 ft  
XG: 35-15-11 / 120-45-42  
Orland: KROR 106.7 PG> 50 kW, 308 ft.  
XC: 39-53-16 / 122-37-38  
Oroville: KZCO 97.7 NC to 1.5 kW, 1276' RE  
SG "La Zeta" CC (ex KEWE)  
Oxnard: KDAR 98.3 OSA to B1, 1500w, 1289'  
San Diego: KFSD 94.1 dec. to 617 ft.  
San Fernando: KYKF 94.3 CC (ex KYKF),  
FC to regional Mexican // KBUE 105.5 Long Beach  
San Luis Obispo: K209CE 89.7 NS-5w(v): KEAR 106.9  
Seaside: KISE 103.9 CC (ex KJMY), FC to urban AC (&) (Salinas)

## FM NEWS

## HAPPY HOLIDAYS!

## DECEMBER 1996

### California:

Stockton: KSJC 89.5 CX CP for 95.5, 7w, 92 ft.  
Tehachapi: \*\*\* 100.1 GA for class A  
Victorville: KHMS 89.5 PG> 200 watts  
Weaverville: \*NS 103.1 AF  
Willows: KLNA 105.5 CC (ex KQSC), PG< 2550w  
1010ft, DA, B1, XG: 38-47-17 / 122-06-52  
CL: Dunnigan, CA  
Yermo: KYHT 105.3 NO-RE

### COLORADO:

Aspen: KPVW107.1 NO-GE  
Burlington: KNAB 104.1 FC to WW1 country (&)  
Burlington: K208CH89.5 NS-250w(v): KTLF 90.5  
Ft. Collins: \*NS 88.9 AF  
Ignacio: \*NS 90.1 AF  
Limón: \*\*\* 93.7 GA for class A  
Montrose: KKXK 94.1 PG> 100 kW, 1883 ft.  
Security: KSKX 105.5 CC (ex KHII), FC to smooth jazz (&) (Colorado Springs)  
Seibert: K206BU89.1 NS-250w(v): KTLF 90.5  
Walsenberg: KSPK102.3 OSA for C1, 100 kW, 430 ft.  
Yuma: \*\*\* 100.9 GA for class C3

### CONNECTICUT:

Danbury: WXCI 91.7 NC to 3 kW, RE  
Hartford: WRTC 89.3 NC to 300w, GX

### DELAWARE:

Lewes: WXJN 105.9 FC to country // WICO  
SG "Cat Country"

### FLORIDA:

Chattahoochee: WBOD 105.3 PG< 5.1 kW, 725 ft, C3  
XG: 31-15-07 / 85-17-12, CL: Headland, Alabama  
Daytona Bch: WJHM101.9 NC to 61 kW, class C, RE  
DeFuniak Sp: WAKJ91.3 NO-CX-DE  
Ft. Myers Bch: WJBK99.3 adds Jones adult alter. (&)  
FC to Modern AC  
Marathon: WKTS 97.7 NO-RE  
Midway: WTPS100.7 FC to smooth jazz (Talla.)  
Orlando: WSHE100.3 CC (ex WDIZ) "She 100.3"  
Ormond-By-The-Sea: WHOG 95.7 FC to classic rock & Don Imus (Daytona) "The Hog"  
PL Vedra Bch: WTLK106.5 CC (ex WPVJ)  
"Real Talk 106.5" (Jacksonville)  
Rock Harbor: WKLG102.1 inc. to 430 ft.  
Sebring: WYMR105.7 QC from 105.5, now C3,  
21 kW, 328 ft, XC: 27-21-29 / 81-28-22

### GEORGIA:

Athens: WNGC 95.5 carries Falcons football  
Atlanta: WZGC 92.9 carries Falcons football  
Augusta: WEKL 102.3 PA: to 101.7 - C3  
Clayton: WRBN104.1 CC (ex WQXJ), FC to adult contemp (&)  
Coosa: WSRM 95.3 NO-CX-DE  
Dahlonega: \*NS 89.5 3 kW, 459 ft.  
Dahlonega: WKHC104.3 PG 3.7 kW, 417 ft  
XG: 34-29-56 / 84-08-32  
Douglas: WKZZ 92.5 NO-RE  
Evans: WAEG 92.3 FC to smooth jazz "Breeze"  
Gibson: \*\*\* 94.3 PA to delete this  
Hinesville: WHVL 104.7 FC to Jones a/c (&)  
Pearson: WPNG101.9 CC (NS)  
Rome: W217AP 91.3 NS-WYFG 91.1 SC  
Roswell: WTHA107.5 CC (NS)  
Savannah: WHCJ 90.3 increase to 230 ft, DA  
XG: 32-01-28 / 81-03-23

### Georgia:

Thomson: WTHO101.7 PA: to 94.3 - A  
Winder: WYFW 89.5 PG> 6 kW, 200 ft.

### HAWAII:

Keeau: \*\*\* 105.1 GA for class C2  
Princeville: \*\*\* 98.9 GA for class C1  
Princeville: \*\*\* 99.9 GA for class C1  
Volcano: KKOA 107.7 LC

### IDAHO:

Gooding: KMXM100.9 NO-GE  
Ketchum: KRMR104.7 NO-GX  
Twin Falls: KEFX 88.9 LC, CC (NS)

### ILLINOIS:

Ava: WXAN103.9 PG> 2.9 kW  
Canton: \*NS 101.1 6 kW, 328 ft.  
E. Moline: WLLR 101.3 NC to 12.5 kW, 981 ft  
C2, GE  
Herrin: WVZA 92.7 PG> 25 kW, 328 ft, DA  
B1, XC: 37-46-28 / 89-05-50  
Jacksonville: W228BB 93.5 NS-80w: WLGM 89.7 IL  
Kewanee: WJRE 93.9 QC from 92.1, PG> 3.1 kW  
453 ft, XC: 41-16-40 / 89-55-15  
Mt. Vernon: \*NS 89.7 6.2 kW (v), 492 ft.  
Oregon: WOXM106.1 NO-RE  
Ottawa: WRKX 95.3 NC to 4.3 kW, GE  
Pana: \*NS 88.5 NS (AFA)  
Springfield: WDBR103.7 PG< 20 kW, 768 ft, DA  
XC: 39-47-22 / 89-25-57  
W. Frankfort: WQUL97.7 FC to oldies (&) "Cool"  
CC (ex WFRX) (Carbondale)

### INDIANA:

Attica: WGBD 95.7 FC to Jones adult alt.  
Columbia City: WDJJ 106.3 adds Jones adult alt. (&)  
Greensburg: \*NS 89.1 AF  
Mitchell: WVEG102.5 adds the ABC Moby program  
Nashville: WVNI 95.1 NO-RE  
Noblesville: WGLD 93.9 FC to smooth jazz (&) (Indy)  
Salem: WHKW 98.9 CC (ex WKJK)  
Seelyville: WTHC 95.9 LC

### IOWA:

Ames: KURE 88.5 QC from 91.9, PG> 250w, 75'  
XC: 42-01-47 / 93-38-51  
Ames: K206AW89.1 on air: KDFR 91.3  
Anamosa: \*\*\* 95.7 PA for class A  
Davenport: KUUL103.7 address: 3535 W. Kimberly Rd  
also now is for KQCK, KMXG, WHTS, and WLLR.  
Des Moines: KKDM107.5 XG: 41-38-38 / 93-17-20  
Mason City: KIAI 93.9 SG KIA-FM The Cntry Moose"  
Twin Lakes: KTLB 105.9 FC to oldies (&) "The Beach"

### KANSAS:

Cawker City: \*\*\* 96.3 PA for class C3  
Copeland: \*NS 103.9 100 kW, 702 ft.  
Emporia: KGZF 99.5 NO-GE  
Haysville: KWSJ 105.3 CC (ex KXLK) FC to smooth jazz "Oasis" (Wichita)  
Kingman: KTCM100.3 RA w/regional Mexican  
Larned: \*NS 106.9 AF  
Norton: K218CD91.5 NS-250w: WAFR 88.3 MS  
Salina: KSKG 99.9 FC to country "Eagle"  
Ottawa: \*NS 90.5 250w, 187 ft.  
Wichita: KIBN 90.7 reported SI



**KENTUCKY:**

Benton: WAAJ 89.7 CC (NS)  
Burnside: WJDJ 93.9 FC to 70's oldies (&)  
Central C: W278AD103.5 noted on: WUOL 90.5 noted  
not WVHM 90.5

Greenville: WKYA105.5 CC (ex WWHK)  
Hartford: WKHB106.3 CC (ex WLLS)  
Lebanon: WLSK 100.9 NC to 15 kW, 295', C3, GE  
Louisville: WFPK 91.9 PG< 6 kW, 774 ft, class B  
XG: 39-21-55 / 85-50-24

Paducah: W221BB 92.1 NS-27w: WKMS 91.3 Murray  
Springfield: WAKY102.7 C C (ex W M Q Q)  
Stamping Ground: WKYI 99.1 GA: to 96.1 - A  
Sturgis: \*\*\* 105.7 PA for class A  
Valley Str: WHITE105.9 CC (ex WXNU) "Hits 105.9"

**LOUISIANA:**

Baker: WBBU107.3 FC to jazz (Baton Rouge)  
DeRidder: KRCK 92.1 PG> 12 kW, 469 ft.  
XG: 30-48-28 / 93-29-23

Gibbsland: \*NS 104.5 AF  
Hammond: WHMD107.1 PC> 6 kW  
Lake Arthur: \*NS 107.3 25 kW, 328 ft  
Larose: KLRZ 100.3 PG> 50 kW, 318 ft  
Monroe: KYFL 89.5 PC> 25 kW, 377 ft, C2  
XG: 32-33-08 / 92-08-33

Natchitoches: KDBH97.7 FC to soft AC (&)  
Westdale: \*NS 89.1 AF (AFA)

**MAINE:**

Portland: WBLM102.9 decreases to 1430 ft

**MARYLAND:**

Cumberland: WKGO106.1 adds Jones AC (&)  
Hurlock: WAAI 100.9 adds Jones country (&)  
Pocomoke City: WKHW 106.5 FC to oldies (&)

**MASSACHUSETTS:**

Boston: WKLB 96.9 CC (ex WBCS)  
Marshfield: WATD 95.9 NC to 1450w, RX  
Northfield: WNMH 91.5 PC< 235w, -272 ft.

**MICHIGAN:**

Alpena: WHSB107.7 NC to 100 kW, 610', RE  
Ironwood: W203AP88.5 NS-5w: WHWL 95.7  
Ironwood: W220BJ 91.9 NS-49w: KVCX 101.5 SD  
Kalamazoo: WAYK 88.3 CC (NS)  
Lupton: \*\*\* 102.3 XA for class A  
Muskegon: WSHZ107.9 CC (ex WMHG), FC to  
hot AC "Z108"

Negaunee: \*\*\* 101.9 GA for class A  
Stephenson: WFON106.3 NO-RE

**MINNESOTA:**

Bagley: KKQ 96.7 CC (NS)  
Bellevue: \*\*\* 105.9 PA for class A  
Faribault: \*\*\* 107.5 GA for class C2  
Fosston: KKEQ 107.1 CC (ex KKQ)  
Glencoe: KARP 96.1 NC to 96.3 - C2, 29.5 kW, RE  
Mankato: K274AL102.7 NS-250w: WNCB 89.3 Duluth  
Perham: KPRW 99.5 NW, adult cont (&)  
St. James: KXAX 101.5 OSA to C3, 14 kW, 446 ft.  
Winnow: K215CD90.9 NS-WAFR 88.3 MS

**MISSISSIPPI:**

Artesia: WSMS 99.9 PC> 47 kW, 505 ft  
XG: 33-39-14 / 88-37-15  
Gluckstadt: WYOY101.7 CC (ex WLIN) "Y 101.7"  
Grenada: WQXB100.1 NC to 24.5 kW, 708', RE  
16 Roseburg: WHER103.7 FC to oldies (& "Eagle"

**Mississippi:**

Hattiesburg: WAIL 89.3 CC (NS)  
Laurel: \*NS 90.7 AF (AFA)  
Lumberton: WLUN 95.3 NC to 100 kW, 981 ft, RE (5th)  
McComb: \*NS 90.5 3.8 kW, 331 ft, (AFA)  
Mound Bayou: WZYQ 102.1 NO-GE  
Natchez: \*NS 91.1 100 w, 164 ft (AFA)  
Pontonoc: \*NS 91.5 AF  
Saucier: WAQY 91.7 PC< 78 kW, 1089 ft, DA  
State College: \*\*\* 104.5 GA for class C3  
University: WUMS 92.1 PG< 2.9 kW, 476 ft.

**MISSOURI:**

Centralia: KMFC 92.1 SG "Joy 92"  
Columbia: KFMZ 98.3 SG "The Buzz"  
Fayette: KLSC 89.9 PC> 25 kW, C3  
XG: 39-03-28 / 92-28-49  
Houston: KUNQ 99.3 CX CP for 33 kW, 604 ft, C2  
XG: 37-05-32 / 92-03-10

Jeff City: K265CT100.9 noted on: KMFC 92.1  
Kirksville: \*NS 90.7 25 kW, 325 ft.  
Knob Noster: KKKX105.7 PC> 38 kW, 502 ft.  
Lutesville: KMHM104.1 PC> 2.5 kW  
Owensville: \*\*\* 95.3 GA for class A  
Potosi: KHCR 97.7 NO-GE  
Steelville: KNSX 93.3 noted testing w/50s, 60s  
Wheeling: \*\*\* 105.9 GA for class A

**MONTANA:**

Billings: KBBB 103.7 CC (ex KBKO), FC to hot AC  
"B104"  
Deer Lodge: \*NS 95.5 12.5 kW, 984 ft.  
Great Falls: KLFM92.9 XG47-32-19/111-15-41(479')  
Hardin: K283AF104.5 NS-250w(v): KLGT 92.9 WY  
Lewistown: KLCM 95.9 FC to classic rock  
Missoula: \*NS 91.1 1 kW, 2040 ft.  
Red Lodge: KMXE 99.3 PC> 460w, 1158 ft.  
XG: 45-11-39 / 109-20-32  
Sidney: \*\*\* 93.1 GA for class C1  
Sidney: KTHC 95.1  
XG: 48-02-52/103-59-01(718')

**NEBRASKA:**

Albion: \*NS 92.7 AF  
Chadron: KALG 94.7 NO-RE  
Hastings: KFKX 90.1 CC (NS)  
Ord: KNLV 103.9 PC> 4.7 kW, 377ft, class C3

**NEVADA:**

Las Vegas: KVBC105.1 CC (ex KRBO), FC to  
news and talk  
N.Las Vegas: KJUL 104.3CX CP for 25.6 kW, 3716'  
Pinoche: \*NS 98.9 5 kW, 3375 ft.  
Wendover: \*\*\* 102.3 GA for class C

**NEW HAMPSHIRE:**

Farmington: WRHF106.5 NO-CX-DE  
Jackson: \*\*\* 99.5 GA for class A  
Lancaster: \*NS 102.3 360w, 958 ft.

**NEW JERSEY:**

Freehold Twp: WRLJ 89.7 NO-RE  
Newark: WNWK105.9 NC to 810w(h), RE  
Trenton: WNTJ 88.1 PC< 110w, (v), 689 ft.

FM 89.7

**WDYN**  
ALL CHRISTIAN RADIO

**NEW MEXICO:**

Albuquerque: KTBL103.3CC (ex KASY), FC to classic  
country "Bull"  
Clayton: K217CM 91.3 NS-140w: WAFR 88.3 MS  
Clovis: K212BG 90.3 NS-WYFG 91.1 SC  
Clovis: \*\*\* 101.5 GA for class C1  
Grants: \*\*\* 105.5 GA for class C  
Grants: K244DT 96.7 NS-221w(v): KLYT 88.3  
Lovington: KLEA 101.7 adds WW1 Hot Country (&)  
PC> 25 kW, 289 ft, class C3  
Raton: \*\*\* 97.7 PA for class A  
Raton: \*\*\* 107.7 PA for class A  
Santa Fe: KRZY 105.9 FC to Romantica  
Santa Rosa: \*\*\* 95.9 GA for class A

**NEW YORK:**

Alfred: \*NS 101.9 1280w, 699 ft.  
Auburn: WPCX106.9 FC to adult alt. "The Breeze"  
Ballston Spa: WXCX 102.3 CC (ex WZQ) FC to  
classic rock (Albany) "Classic Rock 102.3"  
Brighton: WAQB 94.1 LC  
Brockport: WASH105.5 NO-RE  
Center Moriches: \*NS96.1 3 kW, 279 ft  
Chateaugay: WYUL94.7 NO-GE, LC  
Cortland: WIII 99.9 FC to classic rock  
(keeps Imus)  
Minetto: WKRH106.5 PG< 5 kW  
XG: 43-25-04 / 76-27-54, NW, new rock // WKRL  
100.9 (Syracuse)

Mt. Kisco: WZZN106.3 FC to WW1 adult rock (&)  
New Paltz: WBWZ 93.3 FC to hot AC  
Oswego: WZOS 96.7 reported SI  
Palmyra: WZVX 99.7 PC< 2.8 kW, 485 ft  
Paterson: WAXB105.5 adds WW1 oldies (&)  
Poughkeepsie: WNSX96.1 NW, modern AC (&)  
Sentinel Hts: W278AH 103.5 NS-2w: WZVX 99.7  
Syracuse: WLTI 105.9 CC (ex WXCD) "Lite 105.9"  
Windsor: \*\*\* 106.7 PA for class A

**NORTH CAROLINA:**

Beaufort: \*NS 88.5 AF (AFA)  
Beech Mtn: WECR102.3 LC  
Hope Mills: WCCG104.5 NO-GE  
Manteo: W219BO91.7 NS-55w: WYFG 91.1 SC  
Nashville: \*NS 99.7 6 kW, 328 ft.  
Pinetops: WWRT 95.5 NO-RE  
Salisbury: WOGF 91.1 QC to 93.3, 10 w (circular)  
180 ft, XG: 35-40-03 / 80-28-13  
Windsor: WDRP 98.9 FC to southern gospel (&)

**NORTH DAKOTA:**

Bismarck: KACL 98.7 CC (NS)  
Devils Lake: KQZZ96.7 NW, adult rock (&), "Q 97"

**OHIO:**

Delhi Hills: WJYC 90.1 inc 358',  
XG: 39-12-19/84-49-36  
Portsmouth: \*\*\* 107.5 PA for class A  
Toledo: W264AK100.7 NS-32w: WGGN 97.7

**OKLAHOMA:**

Coalgate: \*NS 105.5 AF  
Lawton: KZCD 94.3 OG to 94.1 - C2, 18 kW  
525 ft, XG: 34-33-00 / 98-32-20  
Snyder: \*NS 100.3 2.6 kW, 499 ft.  
Tahlequah: KEOK 101.7 PC> 6.6 kW, 295 ft, C3  
Toledo: K204CP 88.7 NS-62w(v): WPCS 89.5 FL  
Wynnewood: \*\*\* 106.1 XA for class A here

**OREGON:**

Bonanza: KAQX 102.9 CC (NS)  
Burns: KBBT 107.5 CC (ex KDBX) "The Beat"  
Corvallis: K221DP92.1 NS-250w(h), DA: KWAX 91.1  
Depoe Bay: KDEP105.5 CC (NS)  
Gold Beach: KGBR92.7 FC to a/c, country, oldies  
Lakeview: \*NS 95.3 AF  
Pendleton: K201DH88.1 NS-250w(v): KAWZ 89.9 ID  
Portland: KUPH 98.5 PA: to 98.7 - class C1  
Reedsport: KRZB 99.5 FC to 70's oldies (&)  
Roseburg: K214CM90.7NS-23w: KAWZ 89.9 ID  
Seaside: KULU 98.9 PA: to 94.9-A or 102.3-A

**NO-GX**

The Dalles: K274AK102.7NS-250w(h):  
KYYT 102.3 WA  
Tillamook: \*NS 94.1 AF

**PENNSYLVANIA:**

Beaver Sps: WLZS 106.1 CC (Ex WWBV) "Wheels"  
Lancaster: WJTL 90.3 PC> 12 kW, 495 ft, DA  
class B, XG: 40-03-31 / 76-27-40  
Marietta: WRFH 88.7 NO-CX-DE  
Mexico: WJUN 92.5 PC> 440w, 1181 ft  
XG: 40-34-58 / 77-29-48  
Mountaintop: WBHT97.1PC> 500w,  
XG: 41-10-57 / 75-52-19  
Phillipsburg: WUBZ105.9 CC (ex WPHB), FC  
to new rock "The Buzz" (State College)  
Pittsburgh: WDUQ 90.5 dec. to 479 ft.  
Renovo: WXXW106.9 NW, hot AC "Y 106.9"  
Villanova: WXVU 89.1 PG< 100w(h), 279 ft, DA  
XG: 40-01-58 / 75-20-15

**RHODE ISLAND:**

Narragansett Peir: WPJB 102.7 PC< 1950w, 226 ft  
XG: 41-25-27 / 71-28-38

**SOUTH CAROLINA:**

Georgetown: W260AK 99.9 NS-55w: WYFH 90.7 SC  
Murrells Inlet: WRNN94.5 PC<1250w, 715 ft  
XG: 33-35-27 / 79-02-53  
Orangeburg: WKSO103.9 NC to 9.2 kW, 531', GX  
St Matthews: WQKI93.9 PC> 6 kW  
Seneca: WPEK 98.1 FC to talk, 1-On-1 Sports

**SOUTH DAKOTA:**

Custer: KAWK105.1 PG< 7 kW, 1312 ft  
XG: 43-44-41 / 103-28-52  
Little Eagle: KLNDR89.5 NO-GE  
Lowry: KMLO100.7 LC (CC ex KKFV)  
Volga: KKQQ102.3 FC to adult contemporary

**TENNESSEE:**

Benton: WBIN 93.1 LC  
Colonial Hts: OSA to class C3, 1.5 kW, 1296 ft, DA  
XG: 36-31-36 / 82-35-14  
Cookeville: WHRS 91.7 NW, info/classical // WPLN  
Crossville: WSWJ102.5 PG> 25 kW, 308', C3  
Gallatin: WGFX104.5 Tenn. flagship for NFL  
Houston Oilers (moving to Nashville in 1998)  
Houston area ads are overridden with TN ads  
Lake City: \*NS 90.7 AF (AFA)  
Martin: WCMT 101.7 PA: to 101.3 - C3  
Maynardville: \*NS 88.3 AF  
Monterey: WLIV 104.7 CC (ex WLMO)  
Murfreesboro: WMTS88.3 now noted in stereo  
Murfreesboro: WFCM91.7 NO-GE  
Oliver Springs: WXVO 98.7 OSA for C3, 25 kW  
XG: 36-06-48 / 84-03-44

**Tennessee:**

Shelbyville: WZPC102.9 CC (ex WMMU) "PC 103"  
Soddy Daisy: WFXS102.3 has Tom Laykin  
Sun afternoon  
Tiptonville: \*\*\* 101.3 PA to delete this  
Tullahoma: \*\*\* 107.1 PA: to class A  
Walden: W278AB103.5 noted on: WKXJ 97.3

**TEXAS:**

Arlington: KEWS 94.9 FC to talk (Dallas)  
Athens: K201DJ88.1 NS-WYFG 91.1 SC  
Big Spring: \*NS 91.5 AF (AFA)  
Brownfield: \*\*\* 104.3 XA for class C2  
Bryan: KXBK 89.9 NO-CX-DE  
Cameron: \*\*\* 94.3 GA for class A  
Cameron: KHLR 103.9 CX CP for 40 kW, 548 ft  
Crystal Bch: KSTB101.5 adds Jones AC (&)  
Del Rio: \*NS 89.9 AF (AFA)  
Edna: \*NS 98.1 PG> 13 kW, 456 ft, C3  
Franklin: KLTR 101.9 FC to classic rock (&) (Bryan)  
Galveston: K274AF97.3 NS-205w: KSBJ 89.3 Humble  
Haltom City: KNBR93.3 NW, adult alternative  
SG "Zone" (Dallas)

Hempstead: \*\*\* 103.9 GA for class A  
Hempstead: KEZB105.3 NO-RE  
Howe: KHYI 95.3 PG< 10.5 kW, 512 ft,  
XG: 33-23-43 / 96-35-30

Houston: KLOL 101.1 FC to classic rock  
Jacksboro: KJKB 101.7 NW, CD Country (&)  
Junction: WAHO 93.5 NO-RX  
Levelland: KLVY 105.5 PG> 6 kW  
Linden: \*NS 99.3 10 kW, 298 ft.  
Midland: KCHX 106.7 FC to dance-CHR  
New Ulm: KMIA 92.3 CC (NS)  
Olney: \*NS 97.5 50 kW  
Palacios: \*NS 99.7 50 kW, 331 ft.  
Palestine: K202CE88.3 NS-WYFG 91.1 SC  
Pecos: KKKY 97.3 PG> 100 kW, 413 ft, C  
CC (NS)

Pittsburg: KXAL 103.1 PG> 6 kW,  
XG: 32-51-23 / 94-57-00

San Angelo: \*\*\* 105.7 GA for class C3  
Stamford: \*NS 92.1 PG> 50 kW, 492 ft, C2  
Sterling City: KAKR96.5 NO-RE  
Sulphur Sps: KDXE95.9 FC to classic rock "Dixie"  
Winters: \*\*\* 96.1 GA for class A

**UTAH:**

Bountiful: KURR 99.5 CC (ex KUTQ) "99 Rock"  
Panguitch: K204CO88.7 NS-10w(v): KUSU 91.5  
Price: K218CB91.5 NS-KUSU 91.5 Provo  
Provo: K202CC88.3 NS-100w: KAWZ 89.9 ID  
Roy: KRRR 107.9 CC (ex KRGQ)  
Rural Emery Co.: K215BY 90.9 NS-10w(v): KUSU 91.5  
St. George: KVVY 95.9 NO-RX  
Tooele: K202CD 88.3 NS-100w: KAWZ 89.9 ID

**VERMONT:**

Hartford: WGLV104.3 PG> 5.6 kW, 495 ft, C3  
Marlboro: WSSH101.5 NW, soft AC // WZSH

**VIRGINIA:**

Bedford: WLQE106.9 adds WW1 standards (&)  
Bridgewater: WAMM105.1 FC to country  
Charlottesville: WUVA 92.7 PG> 750w, 902 ft.  
Charlottesville: W286AF 105.1 NS-WVAO 102.3 Crozet  
18ster: WDYL105.7 NC to 3.3 kW, 321 ft, GE  
on: WPKZ 98.5 FC to dance-CHR

**Virginia:**

Goochland: \*\*\* 100.5 PA: to class A  
Lynchburg: W229AE 93.7 NS-10w: WHPE 95.5 NC  
Petersburg: WVST 91.3 NC to 2.2kW(v), 167, GX  
Roanoke: WRDJ104.9 PG> 3.1 kW, 925 ft  
XG: 37-22-23 / 79-55-40  
Tazewell: WTZE 100.1 adds WW1 country  
Waynesboro: WPVA90.1 NO-GE

**WASHINGTON:**

Chehalis: KACS 90.5 inc. to 187 ft.  
Cheney: KEYF 101.1 dec. to 1607 ft.  
Ephrata: KULE 95.9 NC to 92.3 - C2, 20 kW  
394 ft, GX  
Lynden: KWPZ106.5 CC (ex KLYN) "Praise 106.5"  
Naches: KYKA 96.9 FC to regional Mexican (&)  
Seattle: KWJZ 98.9 PG< 58 kW, 2342 ft  
DA, XG: 47-30-14 / 121-58-29  
South Bend: KFMV105.7 CC (NS)  
Sunnyside: KREW 96.7 FC to regional Mexican (&)  
// KYKA 96.9  
Walla Walla: KHSS100.9 QG to 100.7 - C3, 1.3 kW,  
1374 ft, XG: 45-59-04 / 118-10-08  
Yakima: KZTA 99.7 FC to classic rock "The Hawk"  
Yakima: KXDD 104.1 NC to 100 kW, 1128 ft, C3  
XC: 46-37-39 / 120-44-17

**WEST VIRGINIA:**

Logan: W220BK91.9 NS-10w(v): WVWV 89.9  
Morgantown: W204AX 88.7 NS-WYFG 91.1 SC  
Ravenswood: WFY293.1 NW, variety // WFYZ-AM  
(features country, bluegrass, gospel, religion)  
Romney: WJGF 88.1 GA to 104.1 - A  
Summersville: WMLJ90.5 GX CP for circular polar.

**WISCONSIN:**

Antigo: \*NS 106.1 10 kW, 276 ft.  
Balsam Lake: \*NS104.9 PG> 22 kW, 348 ft  
XG: 45-29-27 / 92-11-32  
Madison: \*NS 91.7 5.8 kW, 338', DA (U of W)  
Mayville: WMVM 98.7 NO-GE  
Nekoosa: WXCX 93.7 PG> 25 kW, 328 ft, C3  
Plymouth: WXR104.5 FC to WW1 a/c (&)  
Pt. Washington: WGLB 100.1 FC to 70's oldies (&)  
Wausau: W256AG 99.1 NS-250w: WMZK 104.1 W

**WYOMING:**

Cheyenne: KRRR 99.9 CC (NS)  
Gillette: \*NS 90.9 AF (U of Wyo.)  
Laramie: KKNG104.5 NW, country  
Pinedale: KPIN 101.1 CC (NS)  
Sheridan: \*NS 91.3 AF (U of Wyo.)

**U.S. TERRITORIES:**

**GUAM:**

Dededo: \*\*\* 105.1 PA for class C

**PUERTO RICO:**

San German: WZGX91.7 PG<220w(v), 436 ft.

**SAIPAN:**

Garapan: \*NS 101.1 3.2 kW, -213 ft.

**VIRGIN ISLANDS:**

Charlotte Amalie: WVGW 105.3 PG> 15 kW< 1584 ft.

**NEW  
ROCK 90**



**CANADA**

**BRITISH COLUMBIA:**

Chetwynd: \*NS 101.1 QG to 94.5, 27 w  
Fl. Nelson: CFNL 590 QG to 102.3, 1.8 kW  
Ft. St. John: \*NS 98.5 20 kW  
Parksville: CKWV199.9 PG> 1.1 kW, still //  
CKWV 102.3 but splits for commercials

**QUÉBEC:**

Armagh: \*NS 103.9 1120w.



**MEXICO**

**COAHUILA:**

Saltillo: XHALA 97.7 "Radio Concierto", classical

**GUANAJUATO:**

Leon: XH? 101.3 "Extasis Digital"  
Leon: XH? 88.9 // XEB "Radio 13"

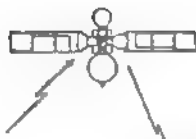
**SAN LUIS POTOSI:**

San Luis Potosi: XH788.1 "Radio Universidad"  
San Luis Potosi: XHOD 96.9 SG "Oasis"  
San Luis Potosi: XHOB 96.1 SG "Stereo Sensacion"  
San Luis Potosi: XH? 91.9 SG "Estereo Vida", 30 kW  
San Luis Potosi: XHQK 98.5 SG "La Comadre FM"  
San Luis Potosi: XH793.7 SG "Super 94"

- Thanks to Fernando Garcia for the Mexican station information appearing this month!!
- Doug Smith comments on William Wyllie's DX report from June 11th, where he heard WSRI/WUSI ID on 91.9. Doug confirms that this was indeed WSIU Carbondale. In addition, during a recent road trip, Doug noted a strange station IDing in Northern Illinois: "The Choice, 101.5 WZCM Schaumburg-Chicago". I cannot find any record of this station, nor can Doug in the FCC's online database. A pirate? Doug heard them well in the I-90A-290/Woodfield Mall area, so he estimates the power would be around 300 watts ERP! Any Chicagoland members know anything more about WZCM? Doug also kindly reported other station news, which is in the main column above.
- Eric Bueneman sends in several items this month. First, the summer St. Louis ratings show KMOX 1120 winning again, with a 13.2. Not so close behind in 2nd was country WIL 92.3 (8.0), followed by urban KMJM 107.7 (6.3). Rounding out the top ten in this order was KSHE 94.7, KYKY 98.1, KEZK 102.5, KPNT 105.7, WKBQ 1380, KLOU 103.3, and KSD 93.7. Eric also notes that the following stations are now non-commercial: KCIV 99.9 Mt. Bullion, CA, KCCV 92.5 Olathe KS, KAYX 92.5 Richmond MO, and KLTE 107.9 Kirksville MO. In other St. Louis area news, WKKX 106.5/WKBQ 1380-104.1 has been sold by Zimmer Bdctsg. to Indy-based Emmis Broadcasting, which already owns KSHE 94.7 in that market. The sale price was \$42.5 million dollars. The new conglomerate will hold about 13% of the market audience. No immediate relocation plans for the studio are in place.
- Finally, I would like to wish all WTFDA members and their loved ones a safe and happy Holiday Season! Thanks to all of you for support of the club in 1996 and for all your kind words! Looking forward to hearing from all of you again in 1997, and hopefully some new faces as well!

**SUPPORT YOUR CLUB! HELP SPREAD  
THE WORD ABOUT TV-FM DX'ING  
AND THE WTFDA!**

## SATELLITE NEWS



GEORGE W JENSEN  
4604 ANNTANA AVENUE  
BALTIMORE MD 21206-4220

The The transponder list continues - this time with Galaxy 5 and 9 and a few odds and ends. First - some updating of previously listed transponder/satellite items. Satcom C-1 - 13 - now the Cal Channel all previously listed Prime Sports Channels are now known as Fox Sport Channels  
17 - Fox Midwest  
18 - Fox Rocky Mountain  
On Galaxy 1 - 10 - MSNBC is now in VC2  
On Satcom C3 - delete - 1 - Family Channel West - is now digital only

the rundown continues+++++

G-Star 2 - 125 West - Ku-Band only - 14 - 20 watt/2 27 watt transponders - 1986 in service and in inclined orbit - soon to go out of service - ID slide still on XPRD 11V

Galaxy 5 - 125 West - March 10, 1992 - (10 years+) 16 watts  
Odds-Horizontal // Evens - Vertical

- 1 - Disney Channel - East VC2
- 2 - Playboy - VC2
- 3 - Trinity - religious
- 4 - Sci-Fi Channel VC2
- 5 - CNN - VC2
- 6 - WTBS - CH 17 - Atlanta, Georgia VC2
- 7 - WGN - Ch.9 - Chicago, Illinois VC2
- 8 - H.B.O. - West VC2
- 9 - E S P N - VC2
- 10 - MOR Music Channel
- 11 - The Family Channel - East VC2
- 12 - Discovery - West VC2
- 13 - C N B C VC2
- 14 - E S P N 2 VC2
- 15 - H.B.O. - East VC2
- 16 - Cinemax - West VC2
- 17 - T.N.T. VC2
- 18 - The Nashville Network VC2
- 19 - U.S.A. East VC2
- 20 - Black Entertainment Television B.E.T. VC2
- 21 - Knowledge Television
- 22 - CNN Headline News VC2
- 23 - A&E - Arts and Entertainment VC2
- 24 - digital

There are several audio subcarriers and these will be listed in a later listing.

SBS 5 - 123 West - Ku-Band only - September, 1988 (9 years) - 20 and 40 watt transponders - 1-10 horizontal  
11 - 14 - vertical  
Used for news, sports and other feeds and the old Holiday Inn  
Satellite Cinema Services in MAC -  
Russian American Satellite Network is NOW ON XPRD 12

# SCI-FI



The Shopping Channel

## SATELLITE NEWS



# SHOWTIME

- Galaxy 9 - 123 West - Spring 1996 - 16 watts - 12 years
- C Band Only - Odds - Horizontal/Evens - Vertical;
- 1 and 2 - feeds
- 3 - NHK to Tokyo from New York - feeds
- 5 through 12 - feeds
- 13 - Infomercials
- 14 - Sundance Channel - East VC2
- 15 - Showtime West VC2
- 16 -
- 17 - Nickelodean - West VC2
- 18 - The Movie Channel - West VC2
- 19 -
- 20 - 21 - ESPNews VC2
- 22 -
- 23 - Computer TV Network
- 24 -



There will be many other services added to Galaxy 9 in the very near future.

Telstar 303 - 120 West - June 19, 1985 - (10 years)  
5.5 Watts - inclined orbit - Odds-Vertical/Evens-Horizontal  
IS PROBABLY NOW TOTALLY OUT OF SERVICE

Echostar 1 - early 1996  
Echostar 2 - October 1996  
119 - West for both - KuBand only - 10 year life -  
16 transponders each - Power ??? - Is being used as a digital - Compressed Video DBS satellite service only.  
I have detected no video - but do get strong signal readings on meter.'

Thats all for now see you in 30.

*Bump*

# 92.5 CiSS FM

## TORONTO'S ONLY COUNTRY FM

# WESTERN TV-DX

December 1996

Pat Dyer, WA5IYX, 5315 Silvertip Drive, San Antonio, TX 78228-2744

## Equipment

Emerson 1987 model 872 VCR used as the tuner ahead of a 9" B&W Keepsafer CCTV monitor Archer V-100 and 8-bay bow-tie UHF array at 20' AGL with rotor

October 16 1996 Es UTC  
0158 KOTA 3 SD Rapid City

November 5, 1996 Es  
2315 WBTV 3 NC Charlotte  
2326 WSB 2 GA Atlanta

Jeff Kruska, 5024 S Braxton Ave., Baton Rouge, LA 70817

September 1996 CDT  
Zilch

October 9, 1996 Es CDT  
1910 Cuba 3-5  
October 14, 1996 Tropo  
2231 WWMB 21 SC ID-wow! 715  
2252 Atlanta U's  
2302 WRLK 35 SC Color bars 640  
2310 WATC 57 GA ID, TV 57" supered 455  
2333 WUNU 31 NC New tr state ID 765  
October 15, 1996 Tropo  
0002 WNGM 34 GA ID 515  
0021 WXIA 11 GA see note 1 455  
October 20, 1996 Tropo  
1934 WFTX 36 FL ID 620  
1940 WBHS 50 FL HSC 550  
WBSV 62 FL 575  
2136 WUSF 18 FL PBS 550  
2155 WFCT 66 FL ID 560  
2205 WNK 11 FL see note 1 625  
2249 unID 35 see note 2  
2317 W60BK 60 FL TBN to SE not WTJP 550  
October 21, 1996 Tropo  
2054 WDHN 18 AL Mon Night Football 340

Note 1 - Both of these stations were logged thanks to local KHIT flickering on and off (5 sec. at a time each)

Note 2 - My first Miami? Suspect WDLF as the signal heading was a few degrees south of Orlando (WOFL). Programming was some sort of board meeting with some writing in the lower left. Heard also, "your local government channel." No listings in the Miami Herald. Can anybody help (Combs)?

Victor Frank  
12450 Skyline Blvd  
Woodside, CA 94062-4541  
email frank@sneezy.sri.com  
(415)851-7031

WUNU is my furthest tropo to date! I never would have expected to get NC via tropo, over such a long land path. My setup never ceases to amaze me!

Danny Oglethorpe, P O Box 6688, Shreveport, LA 71136-6688

September 20 1996 Tropo UTC  
0255 unID 20 TX TBN, west  
September 22 1996 Tropo unless noted  
0325 XERV 9 TA 513  
0345 KENS 5 TX 347  
KMOL 4 TX 347  
0350 KLRN 9 TX 347  
0430 KZTV 10 TX 385  
1730 WMAR 2 MD Short-lived Es 1072

September 23, 1996 Tropo  
0415 unID 42 TX America 1, Houston bearing  
0635 unID 20 TX TBN, west  
0710 KAVU 25 TX 314  
0810 K10NT 10 TX Longview TBN, ID 0830 57  
September 24, 1996 Tropo  
1615 K05HX 5 TX Lufkin TBN 93  
September 29, 1996 Tropo  
0235 XERV 9 TA 513

Area tropo for a few days  
October 1, 1996 Tropo UTC  
1235 Houston V and U s/f until afternoon  
KOLR 10 MO In until afternoon 335  
1600 KDEB 27 MO 335  
1620 Tulsa 2,8  
1640 KOZK 21 MO 335

October 2, 1996 Tropo  
0110 Springfield, MO 10, 21, 27 back  
0130 KOCO 5 OK 303  
0135 KFOR 4 OK 303  
KOKH 25 OK 303  
KWTW 9 OK 303

0310 Tulsa 2, 8 back  
0402 unID 25 NBC, north  
0405 KHOG 29 AR 254  
0510 Tulsa 8 (Floating), 11, 23, 47  
0515 KRCG 13 MO 435  
0557 KETA 13 OK //KOED-11 303

October 4, 1996 Tropo  
0150 WHBQ 13 TN 285  
October 7, 1996 Tropo unless noted  
0915 WGNO 26 LA 274  
1350 unID 2 CBS, Es

October 9, 1996 Tropo  
1230 unID 20 TX TBN, west  
unID 42 TX Toward Houston  
1320 WGNO 26 LA 274

October 9, 1996 Es  
2120 unID 2 TV7, strong for 15 minutes  
2340 unIDs 2,3,4,5 TV7, XHGC-5, et al  
2350 WPBT 2 FL Keeping up appearances 939  
Cuba 2  
Cuba 5 //2

## Western TV DX (D.Oglethorpe's report continues)

2355 WPTV 5 FL NBC World Series  
2355 WTVJ 6 FL //WPTV, Floating 939  
2359 WFOR 4 FL 939  
October 10, 1996 Es UTC  
0025 XHTV 4 DF Note #1 958  
unID 5 XHGC-5  
unDs 2,4 TV7, others  
0040 Cuba 4 //2 5  
October 10, 1996 Tropo  
1220 WMAH 18 MS METV  
319  
WHLT 22 MS 274  
1345 WXXV 25 MS FOX 25 309  
WGNO 26 LA 274  
October 12, 1996 Tropo  
0015 KOLR 10 MO 335  
0104 KDEB 27 MO FOX 27 335  
0205 KTUL 8 OK 288

Correction: Everything listed on August 16/17 in the October VUD and September 50 MHz DX Bulletin should have been listed on August 17/18. I am sorry about the error. I sent Victor the wrong dates.

Note #1 According to new information from Doug Smith, XHTV-4 ("Canal Quatro") is not relayed by any other carrier on a full-time basis, so for now I'm claiming this one.

Comments Many thanks to Doug Smith for finding a list of Televisa affiliates on the Internet! (Doug and Fernando have contributed greatly to my success as a TV DXer.) Using information from the list and my reception notes, the following have been added to my log.

XHVIZ-3 Villahermosa, TAB (XEW-2) new state  
XHATU-5 Atotonilco, JAL (XHGC-5)  
XHBN-2 Huajuapán de León, OAX (XHGC-5)  
new state  
XHBQ-3 Zacatecas, ZAC (XHGC-5) new state  
XHAGU-2 Aguascalientes, AGS (XEQ-9)  
new state  
XHTV-4 Tres Padres, DF new state  
in all am

Calls for previous loggings

XHCQR-2 Cancun, QRO (XEW-2)  
(Cancun ads in XEW programs)  
XHSFT-25 San Fernando, TAMPAS (XEW-2)  
(Fernando provided the location for this one)  
XHPVE-4 Puerto Vallarta, JAL (XHGC-5)  
(Fernando verified location)

In addition, this list confirms that the WRTH is correct about my most-frequently-IDed Mexican station. XHBS-4 has transmitters in both Sinaloa and Sonora. This is indeed a common situation in Mexico.

according to Televisa's list. Extremely interesting

Jeff Kadet, K1MOD, Box 20, Macomb, IL 61455  
(309)833-1809

## Equipment

3 Zenith model 1310 13" color TV sets circa 1979-82, Icom R-7100 w/video adapter, JVC 25" color monitor, Panasonic 9" b&w monitor, Zenith AC/DC 9" color TV. Screened 7 CM dish up 85' fed w/ 500 hardline, UA-90 preamp, CM 1110 up 80', PA-1795 pre-amp, 500 hardline, Winegard 5 el. lo-band vertically-polarized Yagi up 10' w/misc. pre-amps, RG-11

August 2, 1996 Es CDT?  
1530 KPRC 2 TX 799  
1700 XEFB 2 NL 1162  
1800 KMOL 4 TX 883  
1900 KDTN 2 TX 613  
KMID 2 TX 866

August 6, 1996 Es  
1300 WCBQ 2 SC 799  
1340 WUND 2 NC 839  
August 17, 1996 Es  
1700 KPRC 2 TX 799  
KILI 3 TX 968  
1730 KGBT 4 TX 1070  
1816 KRGV 5 TX 878  
KRIS 6 TX 962  
2250 KTVQ 2 MT 966  
2307 KKTO 2 NM 918

September 1, 1996 Tropo  
0140 W50BY 50 IL Galesburg, TBN 35  
September 2, 1996 Tropo  
0122 CBLFT 61 ON + ON's 22,29,42 558  
0128 W29 28 IL Elgin, TBN

September 9, 1996 Tropo  
2200 K67 67z w Network 1 to Omaha, note #1  
September 10, 1996 Tropo  
0235 unID 22+ MN STV w/no audio (Granite Falls?), plus all the usual MN LPTV/xlrs  
0836 unID 53z wsw indep rel to just N of KC  
2307 KCWB 29 MO AN CB TP w/ID 229  
2310 KUJH-LP 14 KS Lawrence, ID slide 263  
in all am  
2330 K39 38z IA? American Indep Net, Iowa City?

September 11, 1996 Tropo  
0020 K61GC 61+ KS Wichita, rel see note #2 410  
0546 KSBH 57 AR CB TP w/ID  
0617 CFMT 69 ON 517  
October 1, 1996 Tropo  
0120 Big TX Opening, relogs on most Houston and Dallas U's plus chs 22,45 48,44,57,56  
TX relogs (all in 645-825 mi range)

October 4, 1996 Tropo  
0354 K22 22z AR? Bloomberg News, note #3  
0500 WLPB 68 VA 510  
WSBN 47 VA 499

## Western TV DX (Jeff Kade's report concludes)

0500	WMSY 52	VA	550
0618	K36EA 36	AR Fayetteville; UPN	354
See note #4			
	K62DQ 62	AR Fayetteville; KFSM-5	354
October 5, 1996	Tropo		
0030 "KKYK" 22	AR?	See note #5	
0355 WPBA 69	GA	plus usual AL U's	578
2200		opening still going strong	
October 6, 1996	Tropo		
0200	Toronto U's		620

### Notes:

1. May be the former K67 from Lincoln, NE back on the air.
2. Love these Locke Supply Company religious LPTVs. They keep their calls on a lower corner of the screen all the time.
3. Bloomberg news with a scrolled ad across the screen for the House of China.
4. IDs as "KFDF 32/36"
5. Z Music videos with call sign "KKYK" on upper R of screen. Suspect this is the same station as above due to direction and offset. Perhaps K22FA Little Rock??

A pretty miserable fall tropo season so far. I spent a lot of the summer finally putting my TVlog onto a computer. All sorts of interesting statistics can be obtained by crunching some numbers. For instance:

# of TBN LPTVs: 97  
 # of 3ABN LPTVs: 11  
 # of The Box LPTVs: 12  
 # of STV Stations (all not currently STV): 40  
 # of LPTV/xlrs E of the Mississippi: 224  
 # of LPTV/xlrs W of Mississippi: 342  
 Lo-band channel with the most loggings: ch 2 - 72  
 Hi-band channel with the most loggings: ch 13 - 29  
 UHF channel with the most loggings: ch 15 - 28  
 Channel with most LPTV/xlrs loggings: ch. 57 - 18  
 Es loggings per channel: ch. 2 - 60; ch. 3 - 52;  
 ch. 4 - 51; ch. 5 - 49; ch. 6 - 40; ch. 9 - 1.

Also, these rather depressing observations since moving here in 1983:

	1983	1996
Stations within 50 miles	4	11
Stations within 75 miles	10	28
Stations within 100 miles	20	48
Stations within 150 miles	43	109
Stations within 200 miles	71	170

I agree with ye editor that it would be nice if the R-7100's narrow FM filter were just a bit wider. 73

## In Search Of A Broadband Null

Regular readers of VUD may have noticed the absence of mention of phasing boxes in the TV columns. These are devices used to combine antenna outputs in such a way as to null out (reduce the amplitude of) unwanted stations. Phasing boxes are used for FM reception, however, where the percentage bandwidth used is small enough (0.1%) that a null can be maintained over the whole channel.

Consider, however, the low VHF TV band, where reception of DX stations is more likely limited by interference from other TV stations rather than by noise. The percentage bandwidth occupied by TV stations in this band is not 0.1%, but is about 10%.

A signal may be cancelled by combining two equal amplitude sources of that signal that are 180° out of phase. Theoretically we could obtain perfect cancellation, but in practice we have trouble maintaining the necessary amplitude or phase conditions, especially over a wide band of frequencies.

To give you some idea of the precision required, note that if one of the amplitudes is 10% different from the other, or the phase difference is more than 5.7° from the required 180° difference, then the best null obtainable is only -20 dB. If both phase and amplitude errors of this magnitude are present, the null is only -17 dB. To obtain a more respectable -37 dB null the amplitudes must be equal within 1% and the phases within 0.57° of 180°.

Thus if the 180° phase reversal is provided by a length of transmission line, or even by lumped constants, a good stationary null will not likely be obtained over a wide band of frequencies.

There are other ways to reduce the strength of local stations relative to skywave propagated DX stations. One way, mentioned by our reporters, is to mount the antenna close to the ground. The ground reflected image of a horizontally polarized antenna is almost of equal amplitude and shifted by 180° for signals arriving near the horizon. The result is a null at the horizon for all azimuth angles. Although present for all antennas, it is broader for lower antennas.

I have already mentioned in this column using vertically polarized antennas to reduce the strength of local stations. In future columns, I plan to write about combinations of antennas in which the phase shift is obtained with a 180° hybrid or by inverting one antenna. Then differences in transmission line lengths may be used to position a frequency-independent null.

# EASTERN TVDX

WILLIS MONK - WB5KHD P.O. BOX 1452 COLLEGE DALE, TN 37315

Today is 14 November as I start to write this edition of Eastern TV DX and due to the death of my Father and that my deadline is the 14th, I am unable to write the full column. I've had to spend some two weeks in Texas working out the problems that all funerals seem to bring. Please forgive the delay in reports. All reports will be up to date by the December issue.

I must admit my surprise of the number of reports upon my return to Tennessee. Lots of trop's from almost everyone. Some very excellent Trop's from Bob Seybold in New York on the evening of the 27 October. Your editor on that day noticed E-skip on channels 2 thru 5 from 1000 to about 1230. No positive ID but channel 2 and 4 was from Mexico, with conditions changing into North Texas and into Kansas-then completely gone by 1230. Because I'm in a valley I don't receive much in way of Trop's. Now on to the reports.....

## DAVE NIEMAN

Ho Sta Geh Road, Rock City, N.Y. 14749

### OCTOBER 1996

6	Tr	0730	WGTV-29	MI	380
		0843	WGTV-41	MI	377
		0859	WPNE-38	MI	507
27	Tr	0614	WRDC-28	NC	437

## ERIC VOYTKO

1721 Dalewood Place, McLeans, Va. 22101

### OCTOBER 1996

7	Tr	0752	WMGC-34	NY	230
			WSKG-46	NY	230
			WNEP-16	NY	170
		0757	WFVT-55	SC	340
		0758	WLTX-19	SC	390
			WNEH-38	SC	420
	Tr	0800	WRLK-35	SC	390
		0803	WHNS-21t	NC	
		0805	WRJA-27	SC	370
			WJWJ-16	SC	480
		0808	WUNJ-39	NC	320
		0815	WCNC-36	NC	320
			WJZY-46	NC	330
		0817	WOLQ-25	SC	390
		0827	WJPR-21	VA	170
	Tr	0827	WEFC-38	VA	200
		0829	WPDE-15	SC	340
			unID-48	"WVVN"	
	Tr	0934	WGPT-36	MD	130
	Tr	1054	WKBS-47	PA	130
	Tr	1340	WBRA-16	VA	200
			WBSN-47	VA	330
			WMSY-52	VA	270
	Tr	1815	WUNE-17	NC	320
7	Tr	2257	WJZZ-40	NY	230
		2318	WBNG-12	NY	230

## BOB SEYBOLD

76 E 6th St. Dunkirk, N.Y. 14048

### OCTOBER 96

27 Between 1500-2200 EST had a surprise tropo opening. As the band was dead shortly before 1500 and dropped off rapidly after 2200. Band very crowded with channels several deep but only a few with strong signals, normal close stations were weak or not there. First noticed channel 15 from North Dakota and 32 from eastern Iowa. Then noticed stations from central and southern Illinois, Missouri, Oklahoma, Arkansas, Louisiana, Mississippi and then into Indiana. Some of my loggings are as follows....  
 WICD-15, WICS-20, Peoria-19 & 31, Ft. Wayne-15 & 39  
 Louisville-32, Lexington-36, KISB-52, KWMJ-53, KFAA-51  
 WLFI-18, WQVC-44, WTCT-27, K64DT-64, channel 30 & 36 from St. Louis, KDEB-27, WDBD-40, WHNO-20, WCMB-44; WNOL-38, KLRT-16; KARD-14; KASN-38; KTVH-26  
 16 from Joplin, Mo; Mansfield, OH-50 & 68; WKOI-43;  
 W39BH-39; WICD-15; A few Canadians sneaked in from the north. Quite an opening although on 28 October tropo from 1100-1300 WCUE-43 Battle Creek; also 41, 23, 47.

## HARRY HAYES

9 Henry St. Wilkes Barre, PA 18702

### OCTOBER 1996

1	Tr	2105	WVTA-41	VT	
		2115	WMEA-26	ME	
		2117	WNNE-31	VT	
		2159	WETK-33	VT	
2	Tr	0400	WBNE-59	CT	
		0420	WTXX-20	CT	
		0440	WTIC-61	CT	
		0448	WVIT-30	CT	
		0458	WLVI-56	MA	
		0500	unID-41	Spanish	
		0505	WHSB-66	MA	
		0530	unID-64	S/ON	
		0713	W33AV	MA	
	Tr	0740	WUNJ-27	MA	
		0800	WMFP-62	MA	S.A.H.
6	Tr	2124	WETK-33	VT	
		2125	WRNN-62	NY	
		2332	WVTA-41	VT	
7	Tr	0444	WNHT-21	NH	W/WABU-68
		0900	WITF-33	PA	
8	Tr	0828	WLVI-56	MA	
		0840	WFXT-25	MA	
		0900	WMFP-62	MA	
		0901	WVIT-30	CT	
		1012	WTIC-61	CT	

D-D-D-D DAT'S ALL FOLKS!!!!

MERRY CHRISTMAS  
 73's



# NORTHERN FM-DX

GREG CONIGLIO  
90 SLATE CREEK DR. APT #3  
CHEEKTOWAGA, NEW YORK 14227  
new mail address above!!!  
e-mail: coniglio@localnet.com

For DXers in: MA, NH, VT, CT, ME, RI, NY, PA, NJ, OH, MI, IN, IL, WI, MN, IA, NE, SD, ND, MT, WY, ID, WA, OR, AK, Canada

**DECEMBER 1996 - DEADLINE: The 5th - 100 CUTOFF: 3 months from postmark**  
Still relatively quiet this autumn, with no major DX openings, skip or trop. The skip season seems to have ended abruptly, with no sign of "off-season" openings noted. There have been some decent Tr openings however. Most of the reports here involve tropo along the Eastern Seaboard or inland a bit from there. Many of these openings seem to be hurricane related. If you have had some DX recently, let's hear from you!! Thanks to all who reported in 1996, looking forward to hearing from you all throughout 1997 as well!

**DANIEL OETTING - 4106 ELAND DOWNE - PHOENIXVILLE, PENNSYLVANIA**

Equipment: Harmon-Kardon Citation 23, rabbit ears, & FM yagi at 18 ft AGL

## SEPTEMBER 1996 DX

**3 Tr**  
2116 WZWW 95.3 PA Bellefonte, wx, "3WZ"  
**5 Tr**  
1700 Hurricane Tropo to Central VA/N.England  
**19 TrS**  
1400 WRRN 92.3 PA Warren, b, rare  
**29 Tr**  
0656 unID 101.7 k, Jamestown, NY?

## OCTOBER 1996 DX

**1 Tr**  
2200 All Norfolk VA FM in solid! Even on local used frequencies  
2233 WERO 93.3 NC Washington  
2235 WKHK 95.3 VA Colonial Hts, k, v.strong  
2300 WCXL 104.1 NC Kill Devil Hills, XL104  
2306 unID 105.1 ?? k station calls "WRAQ"  
2325 WXGM 99.1 VA Gloucester, Extra 99.1  
2355 Tropo stronger to Hudson Valley/L. Island  
**2 Tr**  
0932 WAAF 107.3 MA Worcester, rp, strong  
**4 Tr**  
1021 WSQX 91.5 NY Binghamton, t, calls

## OCT. 6 Tr (Super - Hurricane related)

0958 Harrisburg PA 94.9 on very low power!  
0959 Lots of strange in and out stuff  
1027 WKLL 94.9 NY Frankfort, rp, K-Rock  
1123 WHOM 94.9 NH Mt. Washington, rm, calls  
1301 WPKR 94.9 VA Roanoke, "Arrow"  
94.9" See note at end of report  
2223 WHOM 94.9 NH Mt. Washington, in very good and steady  
2320 unID 100.9 ?? 30 min. straight piano music heard  
2322 WROV 96.3 VA Martinsville, rp  
2350 Went to bed thinking the tropo was losing it's punch. Wrong! Joe Fela told me what I missed. See this his report.

## Z Tr

0802 WPVR 94.9 VA Roanoke, still in good with Harriburg back to regular power  
2030 WXTK 94.9 MA W. Yarmouth, t

## NOVEMBER 1996 DX

**1 TrS**  
1030 WKDN 106.9 NJ Camden, OFF AIR  
1032 WAFX 106.9 VA Suffolk  
1035 WARX 106.9 MD Hagerstown, o. ad

The October 6/7 tropo will last in my mind for a long time. It was so strange hearing NH close to noontime, then as I was travelling to a wedding early that afternoon in Lancaster, Pa, I was amazed at Roanoke, VA coming in so well on 94.9. I thought I had found the "ultimate hill" that I was travelling on. Then when we left the wedding in Lancaster and returned home that evening, I turned the radio back on and found 94.9 Roanoke, "more rock and roll - The Arrow" in solid as a rock! It was still in at home and I rushed to the tape recorder and started some serious DXing on my HK-Citation 23. Well, not only was I getting 250 miles hard path DX to the SW, I was getting 300+ mile hard path DX to the NNE. Mt. Washington, NH was in beautiful! Wish I had stayed up past 2AM for Interior S.C. stuff.

-Have a great Holiday season! Dan O.

**JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, N.J. - 07080**

Equipment - McIntosh MR-78 tuner/stacked Stereo Probe 9s + a single Stereo Probe 9, on rotors, at 40 ft., Bolin phase box.

Time: EDT

## AUGUST 1996

**2 Tr**  
0120 W232AC 94.3 NY Pomona, t-WJUX-99.7  
0131 {WAXB}105.5 NY Patterson, "B-105", area mentions, Ex: WRVH/WNVJ

**7 Tr**  
2255 WGSK 103.5 DE Bethany Beach, ads, r, "The Shark", legal ID, WKTU phased  
2322 WBEY 96.9 MD Crisfield, "Bay Country" + call, k, WFPG phased

**8 Tr**  
0100 WFBX 88.3 NY Southampton, ID, into BBC World Service, strong over a phased WBOG  
0946 WNOR 98.7 VA Norfolk, "FM99" + call, contest, WRKS phased

**31 Tr**  
0119 WXPB 88.1 PA Harrisburg, // to WXPB-88.5  
0158 W297AD 107.3 PA Philadelphia, t-WRDV-89.3, WRQX phased  
0242 {WSVY} 107.7 VA Windsor, "The V", local ads, urban, Ex: WKRI  
0938 WYFL 92.5 NC Henderson, gospel

## SEPTEMBER 1996

**01 Tr**  
2222 WDSE 96.9 NY Arlington, jazz pgm., WDST references  
2254 WPMX 103.3 NY Vestal, call  
2330 WKSJ 102.7 PA Williamsport, "Kiss 102.7", WNEW phased  
2355 WAVT 101.9 PA Pottsville, "T-102 FM", WQCD phased

**02 Tr**  
0005 WHYL 102.3 PA Carlisle, call, k  
0010 WKGB 92.5 PA Susquehanna, "KGB-FM"  
**5 Tr**  
2153 WVVV 97.5 VA Charlottesville, "3WV" + legal ID, WPST phased  
2321 {WCVK}99.7 VA Staunton, "New Country", local ads, Ex: WANV/WVAO  
2345 WPOX 99.3 VA Front Royal, "Froggy 99", sounded k but was r while going thru the area a week or so later.

**6 Tr**  
0002 WMRA 90.7 VA Harrisonburg, s/off, mention of WMRA/WMRL/WMRV net.  
0044 WNGH 105.5 PA Tamaqua, call + "Magic 105.5", o,  
0102 {WJZW}105.9 VA Woodbridge, smooth j, legal ID of sorts, Ex: WXXA/WVXX/WCXR  
0113 {WVZ2}104.1 MD Waldorf, "Washington's New Z-104", Ex: WSMO/WXTR  
0135 WFRB 105.3 MD Frostburg, ID, k  
0150 {WVW2}103.9 MD Braddock Hts., legal ID with and // to WVWZ-104.1, Ex: WZYQ

## OCTOBER 1996

**1 Tr**  
2200 Strong opening to Richmond and eastern North Carolina  
2234 WPNC 95.9 NC Plymouth, local ads, "Magic 96"  
2259 WDRP 98.9 NC Windsor, legal ID, gospel, WUSL phased  
2317 WPTM 102.3 NC Roanoke Rapids, call, "New Country"  
2340 WGRQ 95.9 VA Colonial Beach, "Q-96", oldies, legal at 0000  
**6 Tr**  
2102 WPVR 94.9 VA Roanoke, "Arrow", local promo/contest  
[2200-0200 very little on FM but Altoona, Toronto, NE Ohio, and Roanoke noted on UHF]

**7 Tr**  
0030 WPIC 95.7 NY Olean, "The Pig 95.7", After Midnight pgm.  
0153 WYSN 101.7 PA Central City, "Sunay 101.7"  
0222 WXXM 97.7 SC Georgetown, "Mix 97.7"  
0248 {WHEZ}99.7 SC Port Royal, "It's in the wind - The Breeze", legal at 0303, mostly j, some o, Ex: WHLE/WLOW  
0313 WHLZ 92.5 SC Manning, "Wheels 92.5"  
0333 {WSTS}100.9 NC Fairmont, ads, call, ref. to southern gospel, Ex: WZYZ  
0359 WSVU 100.5 SC Charleston, "Sunny 100", PSA, legal ID  
0405-0500 Tentative Charlestons on 96.1-96.9-98.9-102.5 + who runs Black gospel on 95.1 at this hour???

0416 WAZZ 96.5 NC Laurinburg, "Oldies 96.5", contest  
0419 WROY 96.3 VA Martinsville, promo, "ROV", r, WQXR off.  
0442 WWHK 89.7 SC Columbia, call, legal at 0500, Strong!  
0525 {WEGX}92.9 SC Dillon, "Eagle" + call, k, Ex: WDSC/WZNS

**16 CW**  
2302 {WRAT}95.9 NJ Pt. Pleasant, legal ID, "The Rat", r, Ex: WADB.  
**COMMENTS:** Totals now stand at 1999 heard. I might have counted the 98.9 SC, above, as the legal ID was noted. But the signal was garbled as it was well on its way to fading out at the time. Unfortunately, I failed to have a tape rolling at that moment. The programming was // to WHEZ-99.7.

73, Joe

**HAPPY HOLIDAYS FROM YOUR  
FRIENDS AT WTFDA!!**

DAVE NIEMAN - HO STA GEH ROAD - ROCK CITY NEW YORK 14749

Equipment: Carver TX-11 tuner; IF filter modified. Channel Master model 4408 (Stereo Probe 9) at 60 feet AGL on a Alliance HD-73 rotor. Winegard FT-7600 variable FM trap for 95.7MHz, Belden RG-11/u coax feed.

New loggings are underlined. Call letters in ( ) are new ones.

**SEPTEMBER 1996 DX**

**21 Groundwave and tropo**

1147 WKB 93.9 PA St. Mary's, call+  
"Variety-94", rm\$, ex. 94.3 44  
1152 WARW 94.7 MD Bethesda, "Arrow 94.7"  
op\$, ex. WLT 222  
1648 WQYX 93.1 PA Clearfield, call+  
"Q-93", r\$, ex. 93.5 65

**OCTOBER 1996 DX**

**6 tropo**

0950 WYXZ 98.7 OH Crestline, lcl ads +  
"wky-radio", ap\$ 238  
1022 WSSZ 107.1 PA Greensburg, "106-Jams"  
"106.7 & 107.1" // WAMO, s\$ 132  
1148 WCCW 107.5 MI Traveres City,  
lcl ads, o\$ 408  
1153 WKHQ 105.9 MI Charlevoix,  
"Hits-106-KHQ", r\$ 396  
1158 WGFM 105.1 MI Cheboygan, ID, ap\$ 381  
1203 WRVM 102.7 WI Suring, ID, g\$ 537  
1233 WLDR 101.9 MI Traveres City, "Sunny-  
102 + call, rm\$ 409  
1300 WLTX 96.3 MI Petoskey, ID, mr\$ 392  
1436 WMMJ 102.3 MD Bethesda,  
"Majic 102.3 FM", s\$ 224

**MAJIC 102.3 FM**

WASHINGTON'S BEST VARIETY OF HITS & OLDIES

1454 WRHV 103.1 PA State College,  
lcl ads + "B-103", r\$ 89

**OCTOBER 1996 DX**

**12 tropo**

0951 WUBZ 105.9 PA Philipsburg, call+The  
Buzz", rp\$, ex. WPHB 73



**13 Groundwave & tropo**

1000 WGRM 106.6 PA Smethport, "Q-106+call  
m\$, operating off freq. 14  
1015 WCDK 106.3 OH Cadiz, "106.3...CD-  
Kountry", k\$, lcl WGRM Smethport,  
PA operating off freq. 176

**27 Groundwave & tropo**

1151 WJQZ 103.5 NY Wellsville, call, r\$  
moved from 93.5 29  
The following stations were heard because of  
WJQZ's frequency change:  
1159 WBTQ 93.5 WV Buckhannon, ID, o\$ 231  
1201 CBCL 93.5 ON London, CBC rx, IM 160  
1205 CBCP 93.5 ON Peterborough,  
CBC news, t Mono 146  
1218 WVBR 93.5 NY Ithaca, call, rp\$  
(folk music), 107  
1227 WJSA 93.5 PA Jersey Shore,  
call, gM 84  
1232 WTPA 93.5 PA Mechanicsburg,  
"TPA...your rock station", r\$ 151

I had a good tropo opening on October 6th but the rest of the month was quiet.

Dave

**MIKE BUGAJ - 69 SHERMAN ROAD - ENFIELD, CONNECTICUT 06082**

Equipment: Carver TX-11 and Sherwood rx, (both IF modified), Probe 9 at 30 feet with rotor.

Bolin phase box used. New are underlined.

**AUGUST 1996 DX**

20 ES  
0931 WKGR 98.7 FL Ft. Pierce, The Gator  
0934 WZZR 92.7 FL Stuart  
0941 WOSN 97.1 FL Indian Ocean Shores,  
40s & 50s music  
0943 unID 98.5 ?? 98-Frog, Orlando area  
ment. (Mike, could this have been on  
28 98.1? This sounds a little like WGNE-gc)

**AUG 20. Ex cont.**

0947 WPAW 99.7 FL Vero Beach, k, Panther  
0949 WKES 101.5 FL St. Petersburg, g  
0955 WAVW 101.7 FL Vero Beach  
0958 WWGR 101.9 FL Ft. Myers, k, Gator Cntry  
0959 WEAT 104.3 FL W. Palm Beach,  
Sunny 104.3  
1005 WJBW 99.5 FL Jupiter, Jukebox 99.5

**MIKE BUGAJ's report continues...**

**AUGUST 1996 DX CONT.**

22 TR  
1111 WLTJ 92.9 PA Pittsburgh, Lite Rock  
1112 WWSW 94.5 PA Pittsburgh, oldies 3WS  
1117 WDVE 102.5 PA Pittsburgh  
1121 WKYE 95.5 PA Johnstown, Key 95  
31 TR  
1000 CJBC 106.3 ON Peterborough, FF, mono  
1000 CBCE 93.5 ON Peterborough, CBC EE  
mono programming  
1015 CKQM 105.1 ON Peterborough, ID,  
Crook & Chase Country Countdown  
1020 CKWE 101.5 ON Peterborough, The  
Wolf 101.5  
1022 CJMX 105.3 ON Sudbury, Mix 105  
1026 CJRW 92.7 ON Sudbury, Q92, alt. rock  
1031 CJOJ 95.5 ON Belleville, OJ 95.5  
1044 WNGN 97.5 ID heard on 92.1, is  
this still Pt. Henry?

**SEPTEMBER 1996 DX**

**1 Tr. (This & Aug. 31 due to Hurricane Edouard)**

0910 WKEZ 94.1 VA Yorktown, easy stuff  
0920 Norfolk: 92.9, 94.9, 99.7, 105.3  
1420 WASH 97.1 DC Washington, Lite r  
1429 WRQX 107.3 DC Washington, Mix 107.3  
1437 WGMS 103.5 DC Washington, c  
1510 WMZQ 98.7 DC Washington, k  
1825 WQSR 105.7 MD Catonsville, oldies  
1840 WQCB 106.5 ME Brewer, Q106.5, k  
1843 WXBB 105.3 ME Kittery, Arrow 105.3  
1918 WTOS 105.1 ME Skowhegan  
1922 WMCM 103.3 ME Rockland, Real k 103.3  
1923 WBLM 102.9 ME Portland, WDRC phased  
1925 WQSS 102.5 ME Camden, local sports  
1927 WKCG 101.3 ME Augusta  
1933 WBQQ 99.3 ME Kennebunk, concert  
1935 WLNH 98.3 NH Laconia  
1946 WXGL 95.5 ME Topsham, oldies  
and // 96.7 Boothbay Harbor  
2044 WWBX 97.1 ME Bangor, "97 X  
Bangor's modern rock"

**SEPT 1. TR CONT.**

2105 WZPK 103.7 NH Berlin, 103-7 Peak  
FM with WKNE phased  
6 GW  
2000 WROR 105.7 MA Framingham, WKLB  
goes to 96.9 and WBCS 96.9 self destructs  
WROR is a reincarnation of WROR 98.5 in  
the 70s & 80s, same sound, maybe even DJs?

**OCTOBER 1996 DX**

**1 TR**

2240 WFSI 107.9 MD Annapolis, Family R.  
2255 WWZZ 104.1 MD Waldorf, Wash's new  
Z-104  
2321 WYKR 91.3 NY Poughkeepsie,  
asking for money  
2330 WQXA 105.7 PA York, modern, The Edge  
6 TR  
2204 WPVR 94.9 VA Roanoke, "Arrow"  
2207 WFRB 105.3 MD Frostburg  
2220 WKYE 95.5 PA Johnstown, "Key 95"  
2230 WXLK 92.3 VA Roanoke, K92 with  
WXRK phased out

**7 TR**

0647 WFGY 98.1 PA Altoona, Froggy and  
"Frog Net news" When is all this  
"froggy stuff going to burn itself out?  
0712 WKCY 104.3 VA Harrisonburg, k  
0729 WGAY 99.5 DC Washington, calls  
0751 WGTy 107.7 PA Gettysburg, Cntry 108  
18 GW  
2100 WNSX 96.1 NY Poughkeepsie, modern



Something weird happening on 92.1 since Sept. 1st. I have a strong signal to my north which began rebroadcasting WOKQ 97.5 and WNGN 97.5 and for the last month settled in with WQGN 105.5 out of Groton, CT. So urban rock won out over country and religion. Good DX.

**GREG CONIGLIO - 90 SLATE CREEK DR APT #3 - CHEEKTOWAGA, NEW YORK 14227**

Equipment: Pioneer TX-9100 tuner modified with 150khz and 180 khz filters, CM Stereo Probe 9 FM antenna - 20' AGL, CAC11 & RG6 coax. Phasing: Jerrold 10 element TV antenna at - 25' AGL, rotatable, into "two capacitors in a phase box", and switchable rabbit ears both into a 0-10-20 db Radio Shack amp. (Note: This eqpt is still at old Williamsville address)

This is the only notable DX I have had since July 9th! Granted I have been busy and may have missed stuff, but not that much, from hearing of other DXers poor results also. Hope you and yours have a Happy Holiday!!

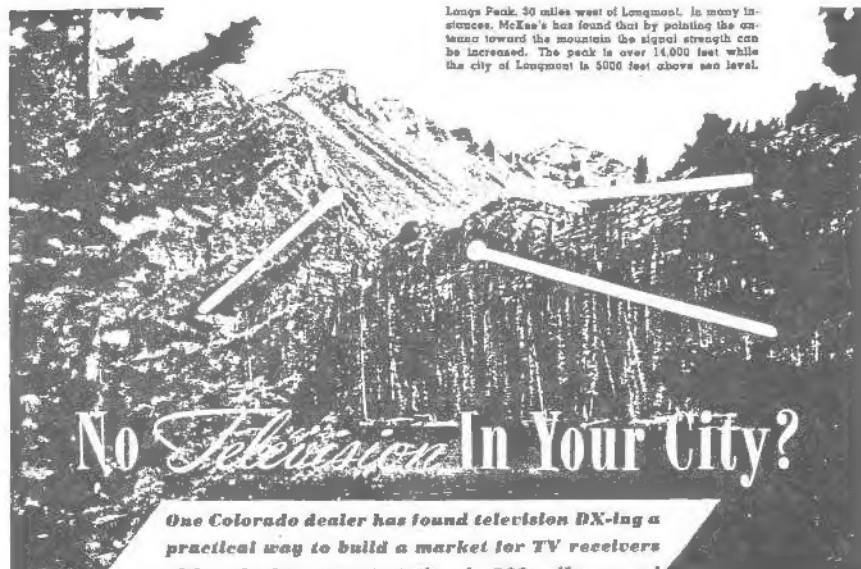
**OCTOBER 27, 1996 TR**

2230 WERK 104.9 IN Muncie, ads "Work 105"  
country and local political ads 397



EDITED FOR THE 'VHF/UHF DIGEST' BY TOM BRYANT,  
849 TODD PREIS DR., NASHVILLE, TENNESSEE, 37221

Early opinions on the value of DX signals varied widely. Some thought there was no practical use. Others, as this article from the December 1951 issue of "Radio/Television News" points out, felt that selling DX receiving gear might be a money-making proposition. Now, we know the truth. DXing can be expensive!



One Colorado dealer has found television DX-ing a practical way to build a market for TV receivers although the nearest station is 500 miles away!

By  
J. A. STANLEY

LONGMONT, Colorado—a pleasant little city about thirty miles due east of famed Longs Peak—is over 500 miles from the nearest television station. But that hasn't prevented McKee's Modern Home Center, an appliance store right on Main Street, from erecting a television antenna, installing a receiver, and actually receiving television signals.

As a matter of fact, Lawrence Pickerell, technician for the store, has logged twenty-four stations, and is adding new ones regularly. Howard McKee, the owner, says that television DX-ing will pay off businesswise—and has had previous experience to prove it.

McKee and Pickerell were associated in another appliance store in Iowa, and that is where the story begins.

"A station with TV came on the air over a hundred miles away," says McKee. "One was due to be built which would be a lot closer. But instead of waiting for it—one store in town went right to work doing everything they could to pick up the fringe station."

"Naturally, reception wasn't good at times. But at other times it was OK.

"However, this was the important thing. The store which first began pulling in the distant station got a tremendous amount of local publicity. Further, their service department got a lot of practical experience from working with TV equipment."

"Well, as was expected, a TV station was finally built close by, and long distance reception was no longer necessary. But when TV sets began to sell in the town, the store which had become known locally as 'the television store' wound up with a lion's share of the TV set business."

Having watched all of this work out in Iowa, McKee and Pickerell decided to follow the same plan in Colorado.

Table 1. Log of TV stations received in Longmont, Colorado, at McKee's Modern Home Center. TV DX-ing has paid off handsomely.

City	Station	Channel
Birmingham	WERC	4
Burlington	KTSL	4
San Francisco	KRON-TV	4
Albany	WAGA-TV	4
Chicago	WBNS	6
Chicago	WBEZ	6
Louisville	WAVE-TV	4
Detroit	WDEB-TV	3
Minneapolis	WTCN-TV	4
Kansas City	WDAR-TV	4
Omaha	WOW-TV	8
Albuquerque	KOB-TV	2
Charlotte	WBT-TV	2
Greensboro	WTMY-TV	3
Charlotte	WLWT	2
Columbus	WLWC	2
Memphis	WMCB	4
Memphis	WMBB-TV	4
Dallas	ERLD-TV	4
Houston	KPRC-TV	2
San Antonio	KSAT-TV	2
Seattle	KING	3
Milwaukee	WISN	3
Rock Island	WHBP	4

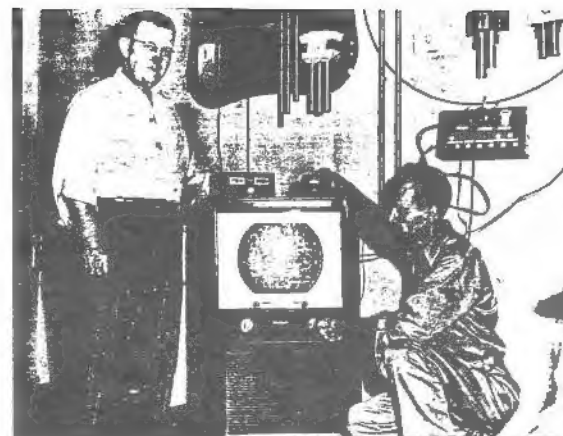
Longs Peak, 30 miles west of Longmont, is many instances, McKee's has found that by pointing the antenna toward the mountain the signal strength can be increased. The peak is over 14,000 feet while the city of Longmont is 5000 feet above sea level.

enough to allow identifying test patterns readily. The remaining 25 percent are pretty rough going, with lots of "snow" and intermittent reception. "Pick" wondered if nearby Longs Peak, which is over 14,000 feet high and is surrounded by other high mountains, was helping reception along. In 1950 he was about convinced that it was, for in nearly every case reception was better with the antenna pointed at the mountain—regardless of the actual direction of the station from Longmont. But this phenomena was not apparent in most of the reception in 1951, so "Pick" hasn't reached any definite conclusions regarding it.

Another interesting phenomenon occurred one day when the antenna was pointed away from the station. A bit of looking out-of-doors revealed a large, black cloud—toward which the antenna was pointed. Turning the antenna away from the cloud made the station fade out completely.

The equipment used for reception is all standard. "Pick" has grounded the a.c. on the TV receiver to improve contrast, but otherwise the set is an ordinary TV receiver. The location is right in the heart of the business district, on a street which is also a highway, so receiving conditions are far from ideal. "Pick" is working on a neutralized 6J6 booster, which he hopes will improve signal-to-noise ratio.

Checking over Pickerell's log (see Table 1) shows that despite the fact that the antenna is cut for Channel 6, most of the reception is on Channels 2, 4, and 5. The most consistent station, and the one with the best signal, is KPRC in Houston, Texas. Pickerell



Howard McKee (left) of McKee's Modern Home Center believes that television DX-ing will pay off in future business—and he has had previous experience to prove it.

watched the MacArthur broadcast from this city, a broadcast which was "program quality" all of the way.

Will TV DX-ing pay off for the store? It is pretty hard to answer that question now, of course. However, there is no question but that having a TV set to work with—and maintain—is giving McKee's a jump on competitors when it comes to practical experience. Chances are good that the

TV DX-ing will do the job of identifying the store with TV.

At any rate, the first place where the writer stopped to track down the rumor that someone in Longmont was receiving TV, a man behind the counter knew all about it.

"Go down to McKee's on Main Street," he told me. "They're the television store in Longmont."

This stacked television array, mounted on the roof of McKee's Modern Home Center in Longmont, Colorado, has pulled in television stations from as far away as Charlotte, North Carolina.

Using this equipment, Lawrence Pickerell has logged a total of 24 television stations—all from Longmont, Colorado, which is over 500 miles from the nearest television broadcasting outlet.



Happy Holidays!

